

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

5. Lease Serial No.
UTU-075174

6. If Indian, Allottee or Tribe Name
NA

1a. Type of work: ☒ DRILL ☐ REENTER

7. If Unit or CA Agreement, Name and No.
Sundance

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

8. Lease Name and Well No.
Sundance Federal Q-11-9-17

2. Name of Operator Newfield Production Company

9. API Well No.
43047-40415

3a. Address Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)
(435) 646-3721

10. Field and Pool, or Exploratory
Monument Butte

4. Location of Well (Report location clearly and in accordance with any State requirements.)*

At surface SE/SW 735' FSL 1989' FWL

At proposed prod. zone 1330' FSL 1305' FWL

11. Sec., T. R. M. or Blk. and Survey or Area
Sec. 11, T9S R17E

14. Distance in miles and direction from nearest town or post office*
Approximately 15.4 miles southeast of Myton, UT

12. County or Parish
Utah

13. State
UT

15. Distance from proposed*
location to nearest
property or lease line, ft. Approx. 2625' f/lse, 2625' f/unit
(Also to nearest drig. unit line, if any)

16. No. of acres in lease
720.00

17. Spacing Unit dedicated to this well
20 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft. Approx. 1293'

19. Proposed Depth
5,865'

20. BLM/BIA Bond No. on file
WYB000493

21. Elevations (Show whether DF, KDB, RT, GL, etc.)
5137' GL

22. Approximate date work will start*
1st Qtr. 2009

23. Estimated duration
(7) days from SPUD to rig release

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature *Mandie Crozier* Name (Printed/Typed) Mandie Crozier Date 11/14/08

Title Regulatory Specialist
Approved by (Signature) *Bradley G. Hill* Name (Printed/Typed) BRADLEY G. HILL Date 11-24-08
Title Office ENVIRONMENTAL MANAGER

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

Surf

587399X
4432513Y
40.040212
-109.975541

BHL
587190X
4432692Y
40.041844
-109.977970

Federal Approval of this
Action is Necessary

RECEIVED

NOV 19 2008

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY

A horizontal bar scale with markings at 1000', 500', 0', 500', and 1000'. The bar is divided into segments of alternating black and white colors.



THIS IS TO CERTIFY THAT THE ABOVE PLOT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND
THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No.189377

STACY W.
STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 400377
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
08-19-08

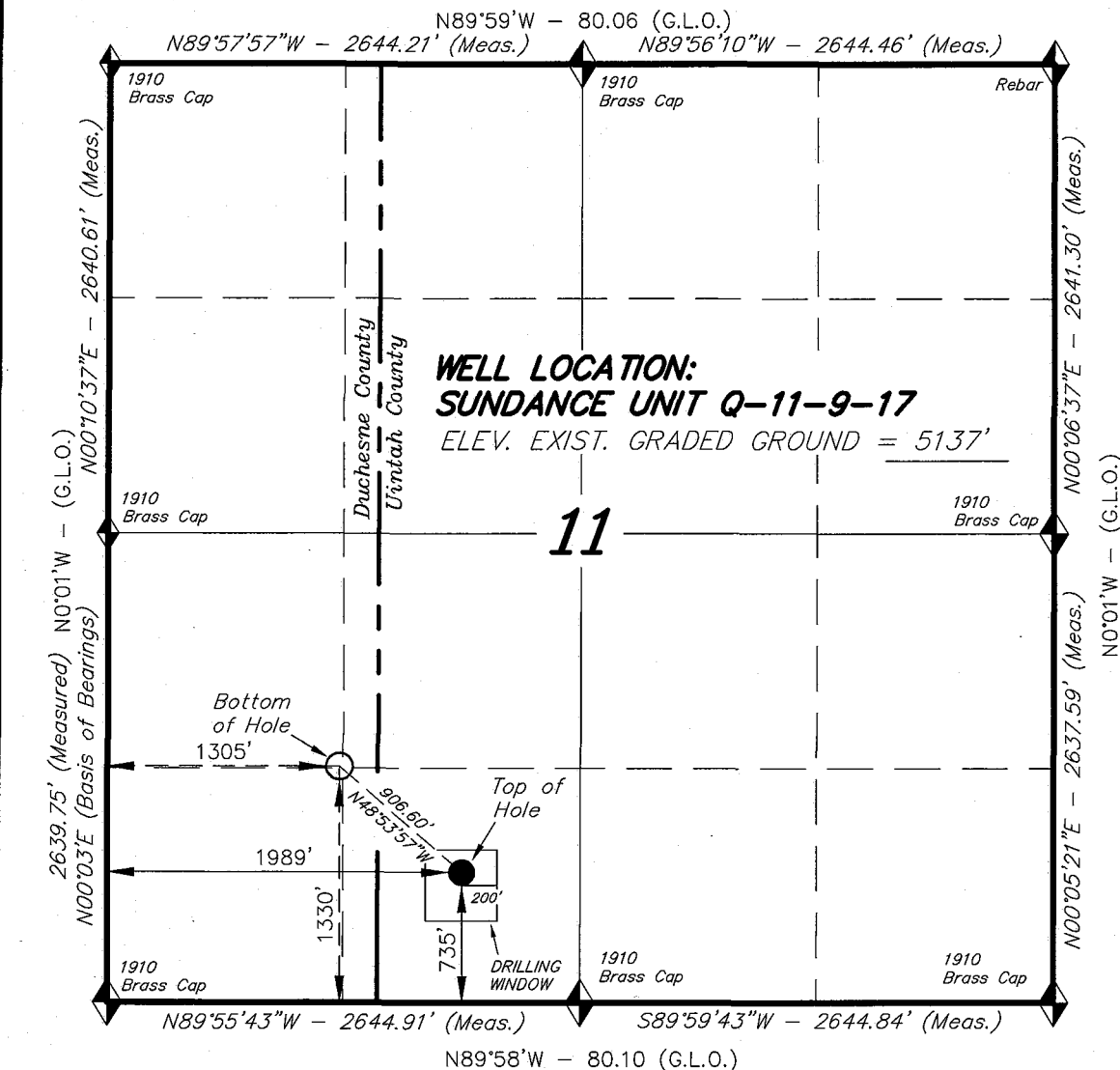
SURVEYED BY: T.H.

DATE DRAWN:
08-27-08

DRAWN BY: M.W.

REVISED:
09-23-08 F.T.M.

SCALE: 1" = 1000'



SUNDANCE UNIT Q-11-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.93"
LONGITUDE = 109° 58' 34.22"

 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL Q-11-9-17
AT SURFACE: SE/SW SECTION 11, T9S, R17E
UINTAH COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1249'
Green River	1249'
Wasatch	5865'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1249' – 5865' - Oil

4. **PROPOSED CASING PROGRAM**

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

Please refer to the Monument Butte Field SOP.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Please refer to the Monument Butte Field SOP.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

Please refer to the Monument Butte Field SOP.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
SUNDANCE FEDERAL Q-11-9-17
AT SURFACE: SE/SW SECTION 11, T9S, R17E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Sundance Federal Q-11-9-17 located in the SE 1/4 SW 1/4 Section 11, T9S, R17E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 13.0 miles \pm to it's junction with an existing dirt road to the south; proceed southerly - 0.5 miles \pm to it's junction with an existing dirt road to the east; proceed easterly - 0.5 miles \pm to the existing Federal 14-11-9-17 well location.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing Federal 14-11-9-17 well pad. See attached **Topographic Map "B"**.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

The proposed well will be drilled directionally off of the Federal 14-11-9-17 well pad. There will be a pumping unit and a short flow line added to the tank battery for the proposed Sundance Federal Q-11-9-17. All permanent surface equipment will be painted Carlsbad Canyon.

Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Newfield Production will transport water by truck for drilling purposes from the following water sources:

Johnson Water District
Water Right : 43-7478

Neil Moon Pond
Water Right: 43-11787

Maurice Harvey Pond
Water Right: 47-1358

Newfield Collector Well
Water Right: 41-3530 (A30414DV, contracted with the Duchesne County Conservancy District).

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Sundance Federal Q-11-9-17 will be drilled off of the existing Federal 14-11-9-17 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

8. **ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

Newfield Production Company requests 1010' of disturbed area be granted in Lease UTU-075174 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP. In the event that the proposed well is converted to a water injection well, a separate injection permit will be applied for through the proper agencies.

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. See attached report cover pages, Exhibit "D".

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), State of Utah approved surface disposal facilities, or Federally approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Sundance Federal Q-11-9-17.

Reserve Pit Liner

A 16 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Squirrel Tail	<i>Elymus Elymoides</i>	6 lbs/acre
Siberian Wheatgrass	<i>Agropyron Fragile</i>	2 lbs/acre
Gardner Saltbush	<i>Atriplex Gardneri</i>	1 lbs/acre
Shadscale	<i>Atriplex Confertifolia</i>	1 lbs/acre
Fourwing Saltbush	<i>Atriplex Canescens</i>	1 lbs/acre
Scarlet Globemallow	<i>Sphaeralcea Conccinea</i>	0.20 lbs/acre

Details of the On-Site Inspection

The proposed Sundance Federal Q-11-9-17 was on-sited on 9/24/08. The following were present; Kevan Stevens (Newfield Production), Brandon McDonald (Bureau of Land Management), Dave Gordon (Bureau of Land Management), and James Herford (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Dave Allred
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #Q-11-9-17 SE/SW Section 11, Township 9S, Range 17E: Lease UTU-075174 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #WYB000493.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

11/14/08

Date

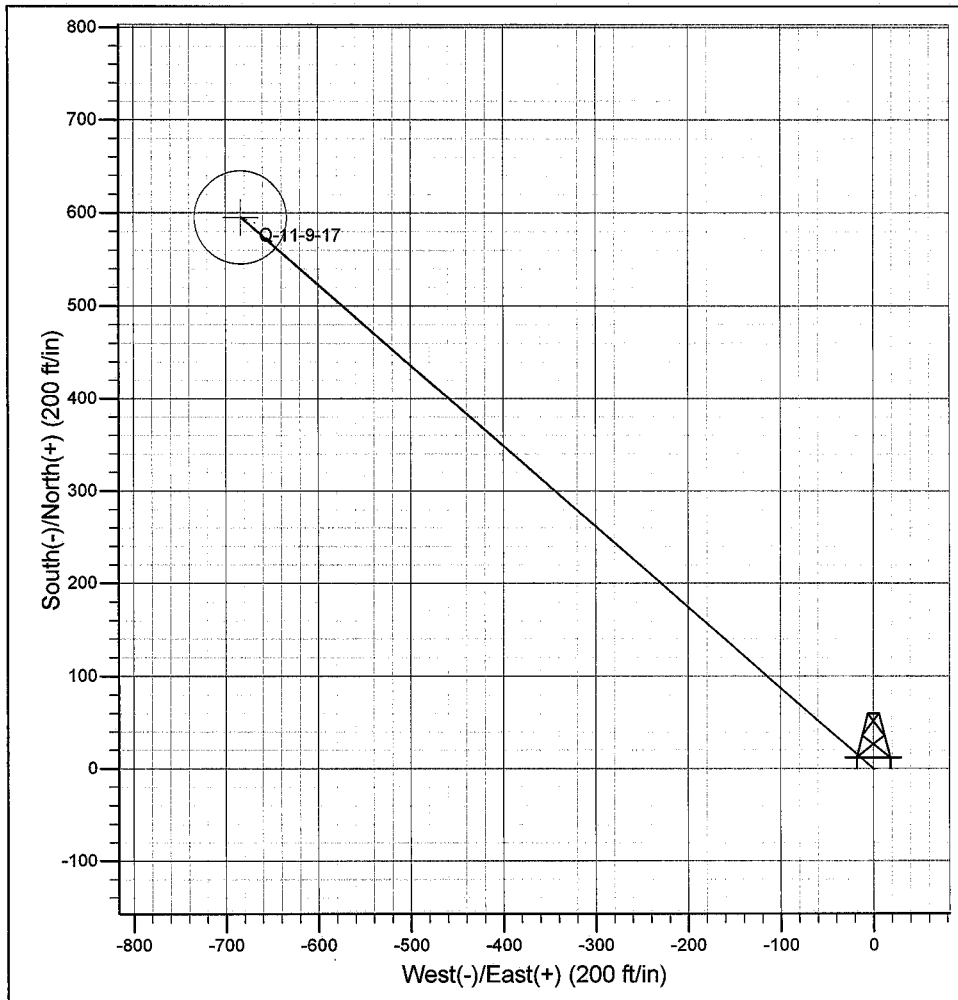
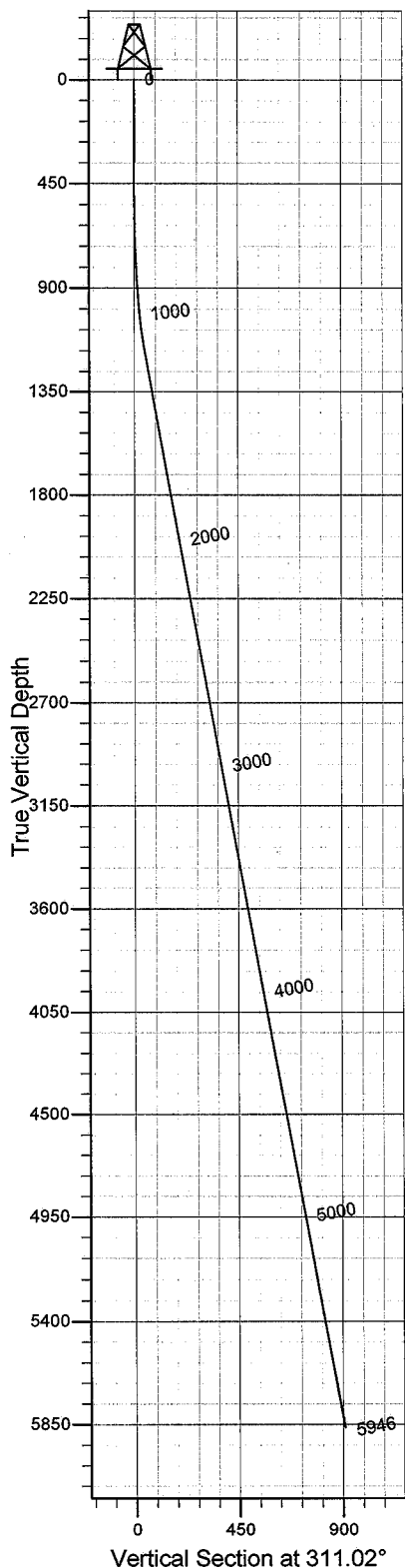


Mandie Crozier
Regulatory Specialist
Newfield Production Company



Newfield Production Company

Project: Monument Butte
Site: Sundance Q-11-9-17
Well: Sundance Q-11-9-17
Wellbore: Wellbore #1
Design: Design #1



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1296.6	10.45	311.02	1292.8	41.6	-47.8	1.50	311.02	63.4	
4	5946.0	10.45	311.02	5865.0	595.0	-684.0	0.00	0.00	906.6	Q-11-9-17

PROJECT DETAILS: Monument Butte

Geodetic System: US State Plane 1983
 Datum: North American Datum 1983
 Ellipsoid: GRS 1980
 Zone: Utah Central Zone
 System Datum: Mean Sea Level



Azimuths to True North
 Magnetic North: 11.60°

Magnetic Field
 Strength: 52567.6snT
 Dip Angle: 65.88°
 Date: 11/5/2008
 Model: IGRF200510

Created by: Hans Wychgram

Date: 11-05-2008

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Sundance Q-11-9-17
Well: Sundance Q-11-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Sundance Q-11-9-17
TVD Reference: RKB @ 5149.0ft (NDSI #2)
MD Reference: RKB @ 5149.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Project	Monument Butte		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site		Sundance Q-11-9-17			
Site Position:		Northing:	2,190,608.67 m	Latitude:	40° 2' 24.930 N
From:	Lat/Long	Easting:	630,030.46 m	Longitude:	109° 58' 34.220 W
Position Uncertainty:	0.0 ft	Slot Radius:	in	Grid Convergence:	0.98 °

Well	Sundance Q-11-9-17					
Well Position	+N/-S	0.0 ft	Northing:	2,190,608.67 m	Latitude:	40° 2' 24.930 N
	+E/-W	0.0 ft	Easting:	630,030.46 m	Longitude:	109° 58' 34.220 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	ft	Ground Level:	5,137.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	11/5/2008	11.60	65.88	52,568

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	311.02

Plan Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,296.6	10.45	311.02	1,292.8	41.6	-47.8	1.50	1.50	0.00	311.02	
5,946.0	10.45	311.02	5,865.0	595.0	-684.0	0.00	0.00	0.00	0.00	Q-11-9-17

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Sundance Q-11-9-17
Well: Sundance Q-11-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Sundance Q-11-9-17
TVD Reference: RKB @ 5149.0ft (NDSI #2)
MD Reference: RKB @ 5149.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	1.50	311.02	700.0	0.9	-1.0	1.3	1.50	1.50	0.00
800.0	3.00	311.02	799.9	3.4	-3.9	5.2	1.50	1.50	0.00
900.0	4.50	311.02	899.7	7.7	-8.9	11.8	1.50	1.50	0.00
1,000.0	6.00	311.02	999.3	13.7	-15.8	20.9	1.50	1.50	0.00
1,100.0	7.50	311.02	1,098.6	21.4	-24.7	32.7	1.50	1.50	0.00
1,200.0	9.00	311.02	1,197.5	30.9	-35.5	47.0	1.50	1.50	0.00
1,296.6	10.45	311.02	1,292.8	41.6	-47.8	63.4	1.50	1.50	0.00
1,300.0	10.45	311.02	1,296.1	42.0	-48.3	64.0	0.00	0.00	0.00
1,400.0	10.45	311.02	1,394.4	53.9	-61.9	82.1	0.00	0.00	0.00
1,500.0	10.45	311.02	1,492.8	65.8	-75.6	100.2	0.00	0.00	0.00
1,600.0	10.45	311.02	1,591.1	77.7	-89.3	118.4	0.00	0.00	0.00
1,700.0	10.45	311.02	1,689.5	89.6	-103.0	136.5	0.00	0.00	0.00
1,800.0	10.45	311.02	1,787.8	101.5	-116.7	154.6	0.00	0.00	0.00
1,900.0	10.45	311.02	1,886.1	113.4	-130.4	172.8	0.00	0.00	0.00
2,000.0	10.45	311.02	1,984.5	125.3	-144.0	190.9	0.00	0.00	0.00
2,100.0	10.45	311.02	2,082.8	137.2	-157.7	209.1	0.00	0.00	0.00
2,200.0	10.45	311.02	2,181.2	149.1	-171.4	227.2	0.00	0.00	0.00
2,300.0	10.45	311.02	2,279.5	161.0	-185.1	245.3	0.00	0.00	0.00
2,400.0	10.45	311.02	2,377.8	172.9	-198.8	263.5	0.00	0.00	0.00
2,500.0	10.45	311.02	2,476.2	184.8	-212.5	281.6	0.00	0.00	0.00
2,600.0	10.45	311.02	2,574.5	196.7	-226.1	299.7	0.00	0.00	0.00
2,700.0	10.45	311.02	2,672.9	208.6	-239.8	317.9	0.00	0.00	0.00
2,800.0	10.45	311.02	2,771.2	220.5	-253.5	336.0	0.00	0.00	0.00
2,900.0	10.45	311.02	2,869.6	232.4	-267.2	354.2	0.00	0.00	0.00
3,000.0	10.45	311.02	2,967.9	244.3	-280.9	372.3	0.00	0.00	0.00
3,100.0	10.45	311.02	3,066.2	256.2	-294.6	390.4	0.00	0.00	0.00
3,200.0	10.45	311.02	3,164.6	268.1	-308.3	408.6	0.00	0.00	0.00
3,300.0	10.45	311.02	3,262.9	280.1	-321.9	426.7	0.00	0.00	0.00
3,400.0	10.45	311.02	3,361.3	292.0	-335.6	444.8	0.00	0.00	0.00
3,500.0	10.45	311.02	3,459.6	303.9	-349.3	463.0	0.00	0.00	0.00
3,600.0	10.45	311.02	3,557.9	315.8	-363.0	481.1	0.00	0.00	0.00
3,700.0	10.45	311.02	3,656.3	327.7	-376.7	499.2	0.00	0.00	0.00
3,800.0	10.45	311.02	3,754.6	339.6	-390.4	517.4	0.00	0.00	0.00
3,900.0	10.45	311.02	3,853.0	351.5	-404.0	535.5	0.00	0.00	0.00
4,000.0	10.45	311.02	3,951.3	363.4	-417.7	553.7	0.00	0.00	0.00
4,100.0	10.45	311.02	4,049.7	375.3	-431.4	571.8	0.00	0.00	0.00
4,200.0	10.45	311.02	4,148.0	387.2	-445.1	589.9	0.00	0.00	0.00
4,300.0	10.45	311.02	4,246.3	399.1	-458.8	608.1	0.00	0.00	0.00
4,400.0	10.45	311.02	4,344.7	411.0	-472.5	626.2	0.00	0.00	0.00
4,500.0	10.45	311.02	4,443.0	422.9	-486.1	644.3	0.00	0.00	0.00
4,600.0	10.45	311.02	4,541.4	434.8	-499.8	662.5	0.00	0.00	0.00
4,700.0	10.45	311.02	4,639.7	446.7	-513.5	680.6	0.00	0.00	0.00
4,800.0	10.45	311.02	4,738.0	458.6	-527.2	698.8	0.00	0.00	0.00
4,900.0	10.45	311.02	4,836.4	470.5	-540.9	716.9	0.00	0.00	0.00
5,000.0	10.45	311.02	4,934.7	482.4	-554.6	735.0	0.00	0.00	0.00
5,100.0	10.45	311.02	5,033.1	494.3	-568.2	753.2	0.00	0.00	0.00
5,200.0	10.45	311.02	5,131.4	506.2	-581.9	771.3	0.00	0.00	0.00

Database: EDM 2003.21 Single User Db
Company: Newfield Production Company
Project: Monument Butte
Site: Sundance Q-11-9-17
Well: Sundance Q-11-9-17
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Sundance Q-11-9-17
TVD Reference: RKB @ 5149.0ft (NDSI #2)
MD Reference: RKB @ 5149.0ft (NDSI #2)
North Reference: True
Survey Calculation Method: Minimum Curvature

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,300.0	10.45	311.02	5,229.7	518.1	-595.6	789.4	0.00	0.00	0.00
5,400.0	10.45	311.02	5,328.1	530.0	-609.3	807.6	0.00	0.00	0.00
5,500.0	10.45	311.02	5,426.4	541.9	-623.0	825.7	0.00	0.00	0.00
5,600.0	10.45	311.02	5,524.8	553.8	-636.7	843.9	0.00	0.00	0.00
5,700.0	10.45	311.02	5,623.1	565.7	-650.4	862.0	0.00	0.00	0.00
5,800.0	10.45	311.02	5,721.5	577.6	-664.0	880.1	0.00	0.00	0.00
5,900.0	10.45	311.02	5,819.8	589.6	-677.7	898.3	0.00	0.00	0.00
5,946.0	10.45	311.02	5,865.0	595.0	-684.0	906.6	0.00	0.00	0.00

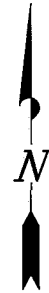
NEWFIELD PRODUCTION COMPANY

WELL PAD INTERFERENCE PLAT

SUNDANCE Q-11-9-17 (Proposed Well)

SUNDANCE 14-11-9-17 (Existing Well)

Pad Location: SESW Section 11, T9S, R17E, S.L.B.&M.



Edge of
Existing Pad

N49°53'57"W - 906.60'
(To Bottom Hole)

Q-11-9-17 (PROPOSED)

14-11-9-17 (EXISTING)

N77°45'05"E

Pump
Jack

Water
Meter

Future Pit

TOP HOLE FOOTAGES

Q-11-9-17 (PROPOSED)
735' FSL & 1989' FWL

BOTTOM HOLE FOOTAGES

Q-11-9-17 (PROPOSED)
1330' FSL & 1305' FWL

LATITUDE & LONGITUDE
Surface position of Wells (NAD 83)

WELL	LATITUDE	LONGITUDE
Q-11-9-17	40° 02' 24.93"	109° 58' 34.22"
14-11-9-17	40° 02' 24.75"	109° 57' 34.37"

RELATIVE COORDINATES
From top hole to bottom hole

WELL	NORTH	EAST
Q-11-9-17	596'	-683'

Note:

Bearings are based on
GLO Information.

SURVEYED BY: T.H.	DATE SURVEYED: 08-19-08
DRAWN BY: M.W.	DATE DRAWN: 08-26-08
SCALE: 1" = 50'	REVISED: F.T.M. 09-23-08

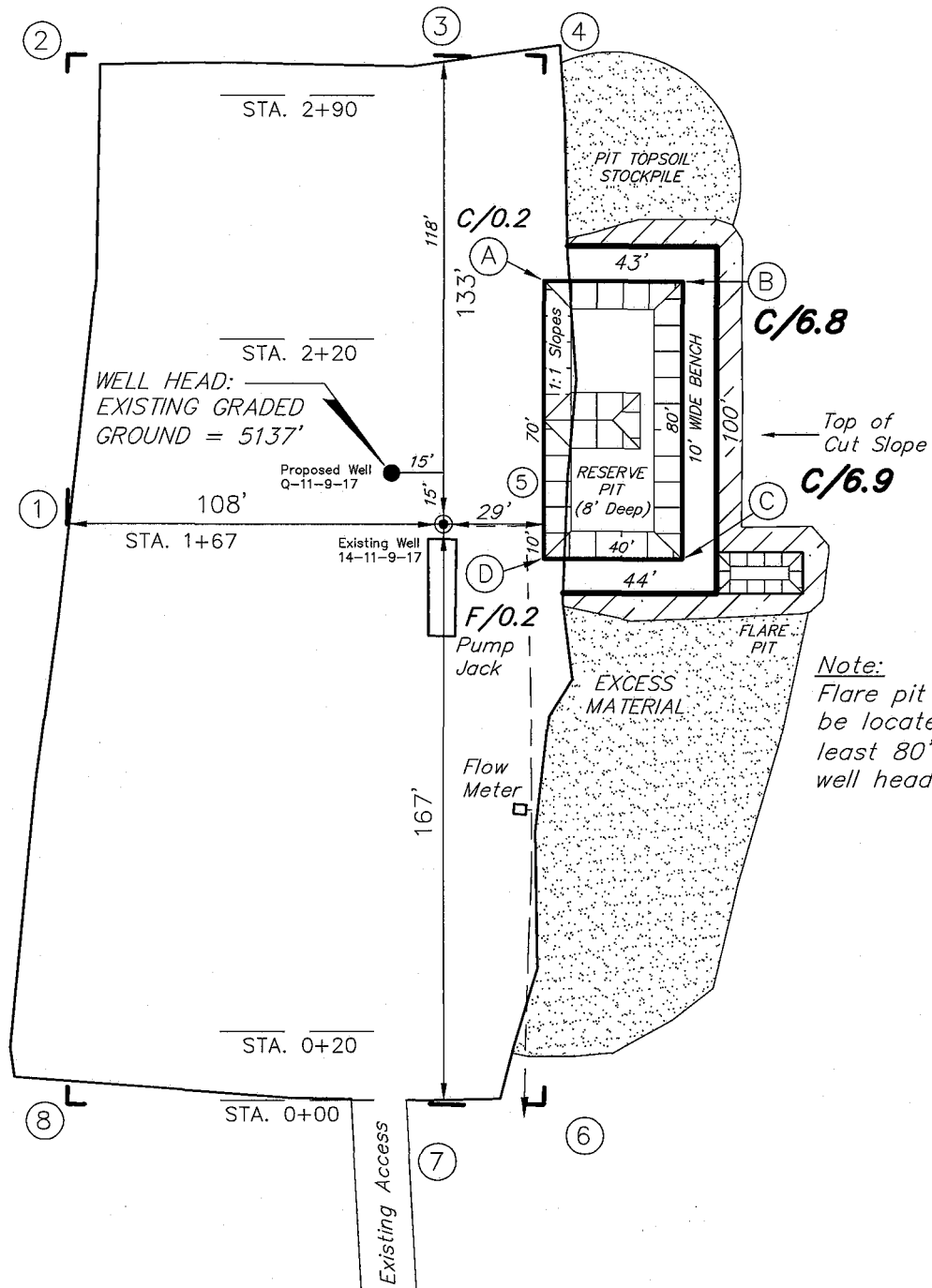
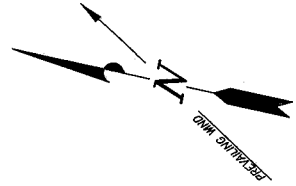
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

SUNDANCE Q-11-9-17 (Proposed Well)

SUNDANCE 14-11-9-17 (Existing Well)

Pad Location: SESW Section 11, T9S, R17E, S.L.B.&M.



SURVEYED BY: T.H.	DATE SURVEYED: 8-19-08
DRAWN BY: M.W.	DATE DRAWN: 8-27-08
SCALE: 1" = 50'	REVISED: F.T.M. 09-23-08

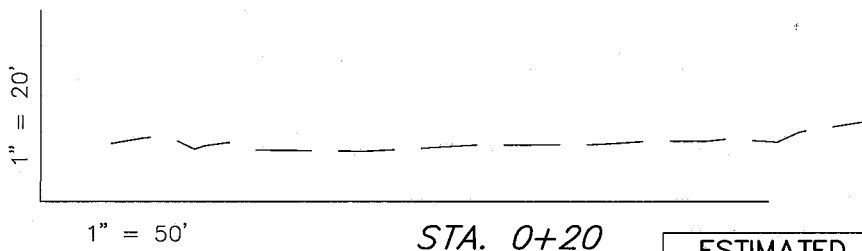
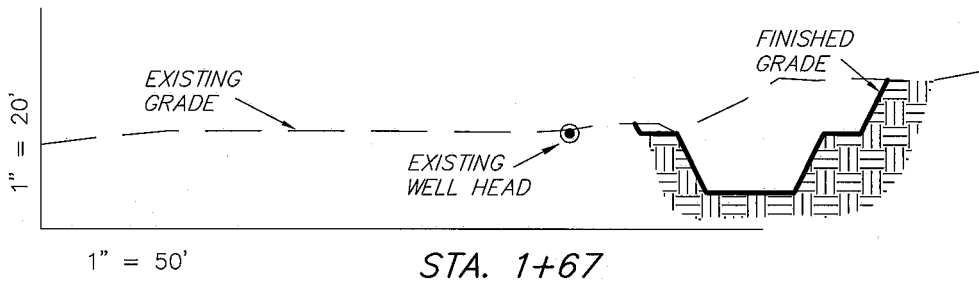
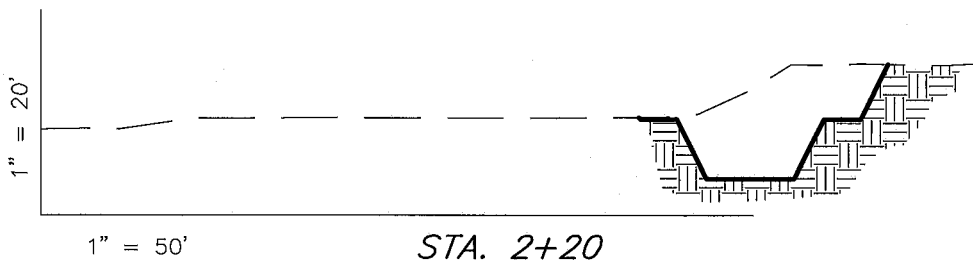
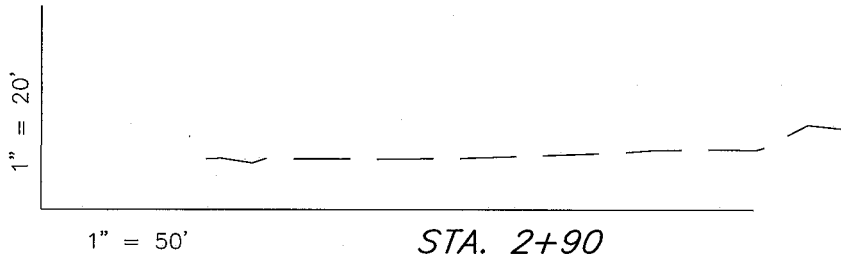
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

SUNDANCE Q-11-9-17 (Proposed Well)

SUNDANCE 14-11-9-17 (Existing Well)



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	1,220	0	Topsoil is not included in Pad Cut	1,220
PIT	640	0		640
TOTALS	1,860	0	160	1,860

SURVEYED BY: T.H.	DATE SURVEYED: 8-19-08
DRAWN BY: M.W.	DATE DRAWN: 8-27-08
SCALE: 1" = 50'	REVISED:

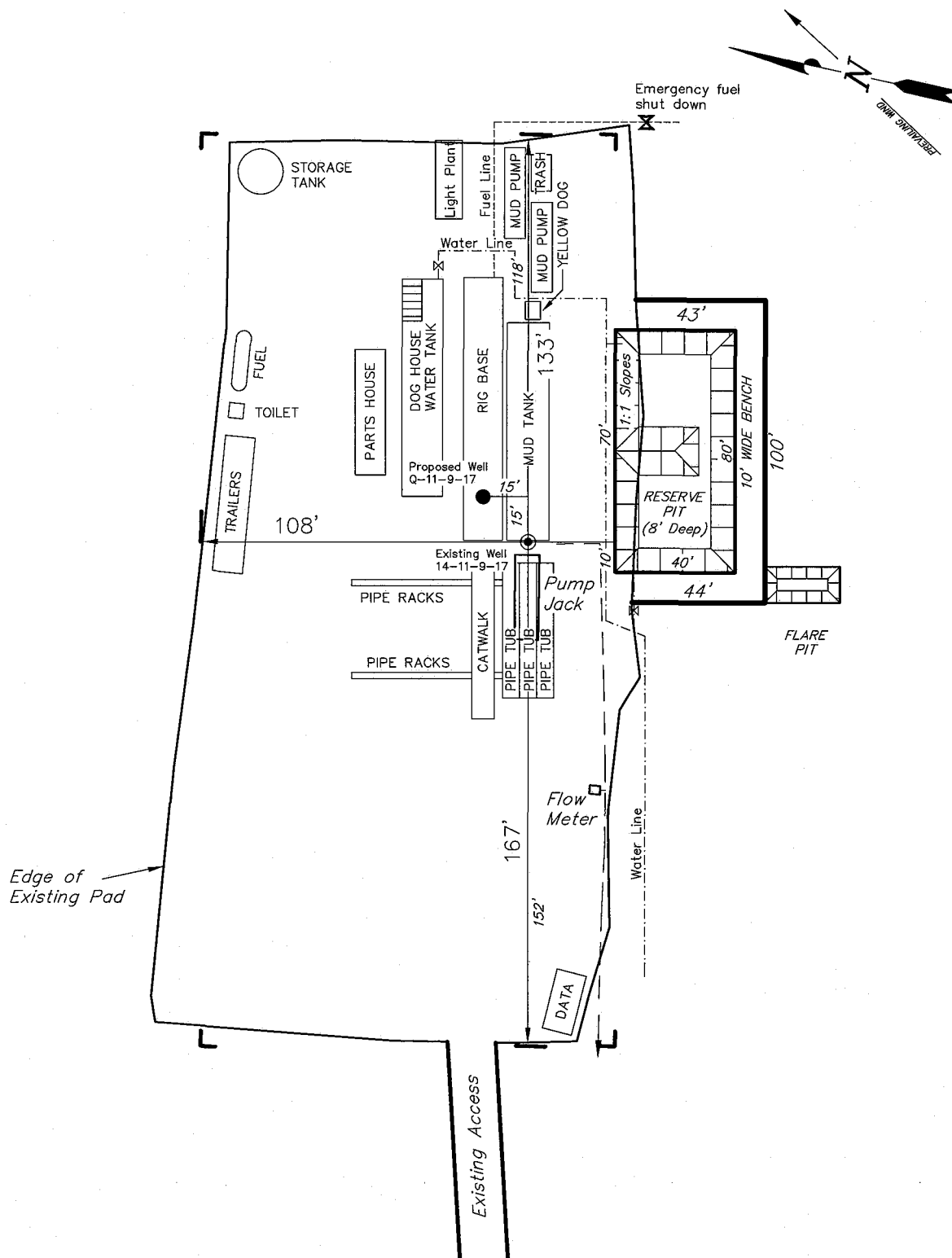
Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

SUNDANCE Q-11-9-17 (Proposed Well)

SUNDANCE 14-11-9-17 (Existing Well)



SURVEYED BY: T.H.	DATE SURVEYED: 8-19-08
DRAWN BY: M.W.	DATE DRAWN: 8-27-08
SCALE: 1" = 50'	REVISED: F.T.M. 09-23-08

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

Newfield Production Company

Proposed Site Facility Diagram

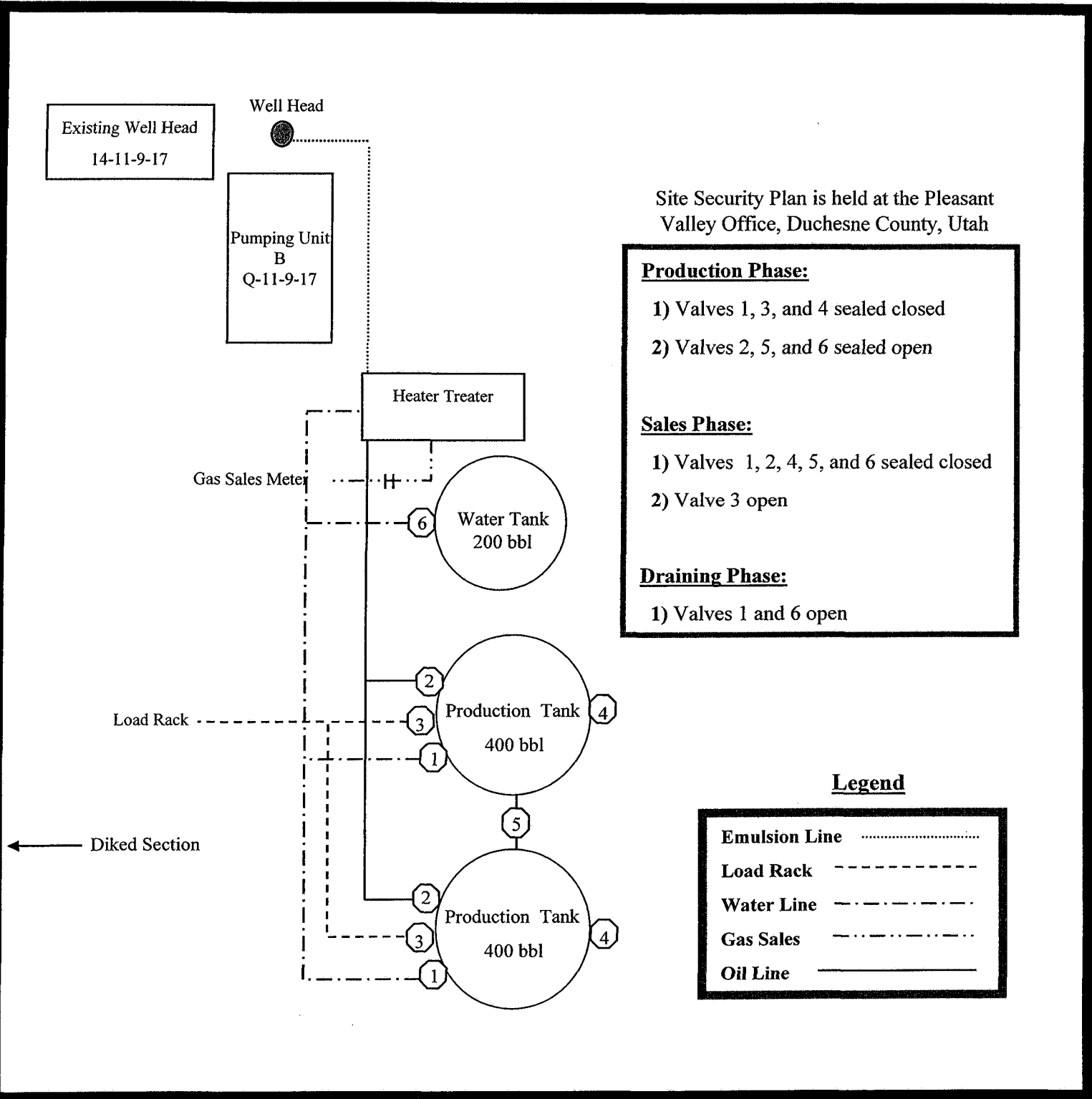
Sundance Federal Q-11-9-17

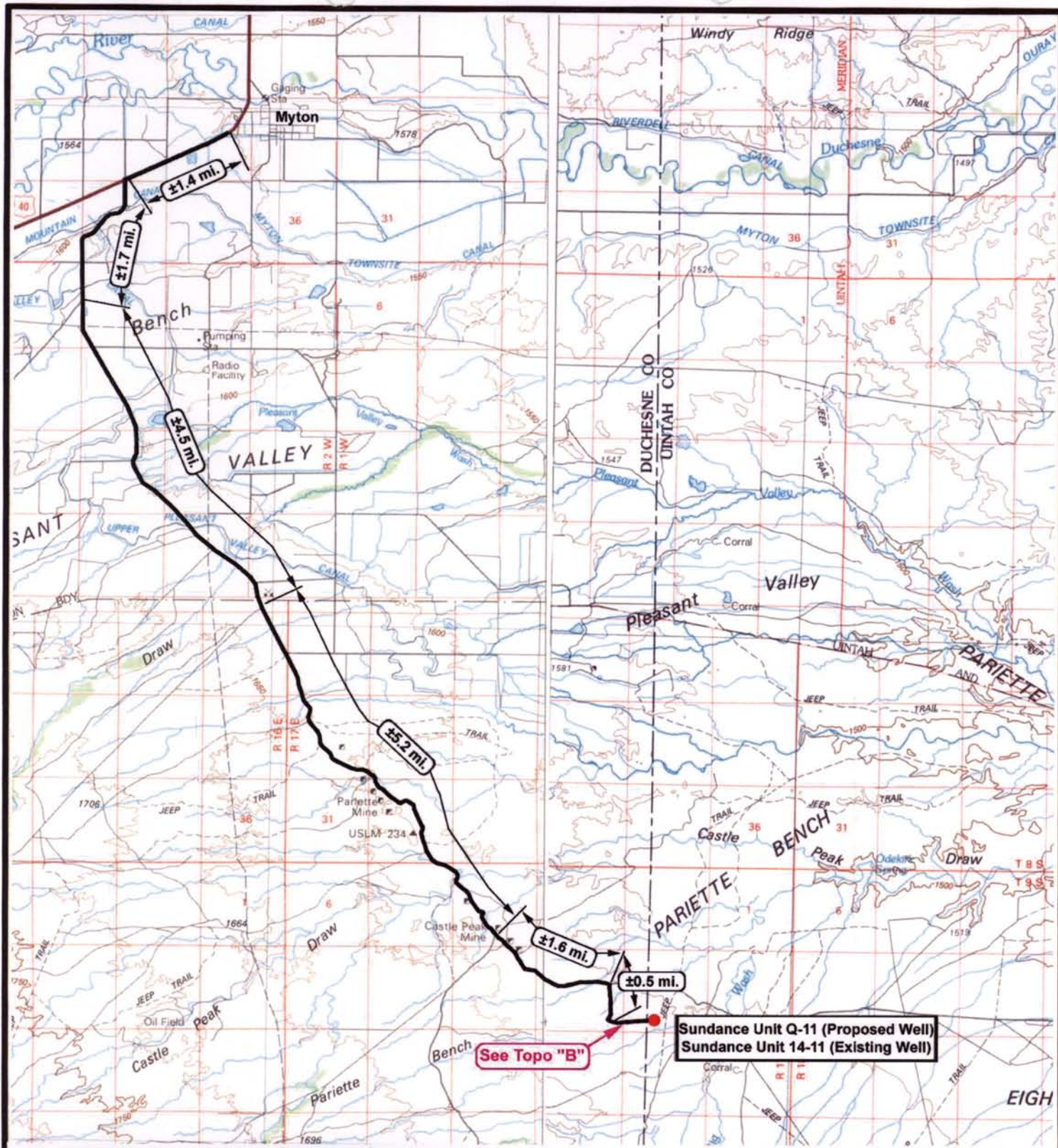
From the 14-11-9-17 Location

SE/SW Sec. 11 T9S, R17E

Uintah County, Utah

UTU-075174





NEWFIELD
Exploration Company

Sundance Unit Q-11-9-17 (Proposed Well)
Sundance Unit 14-11-9-17 (Existing Well)
Pad Location: SESW SEC. 11, T9S, R17E, S.L.B.&M.



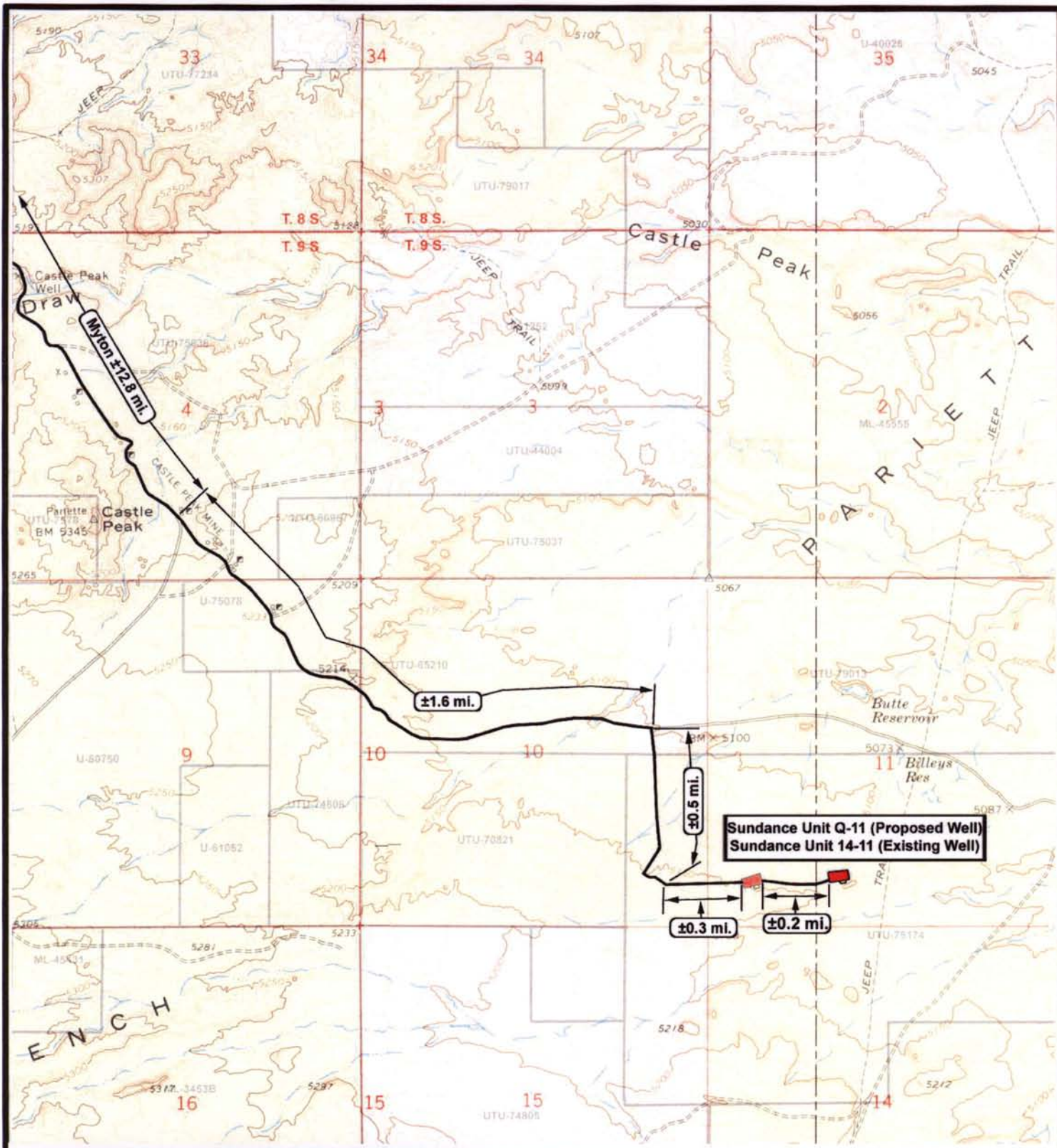
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: JAS
DATE: 09-16-2008

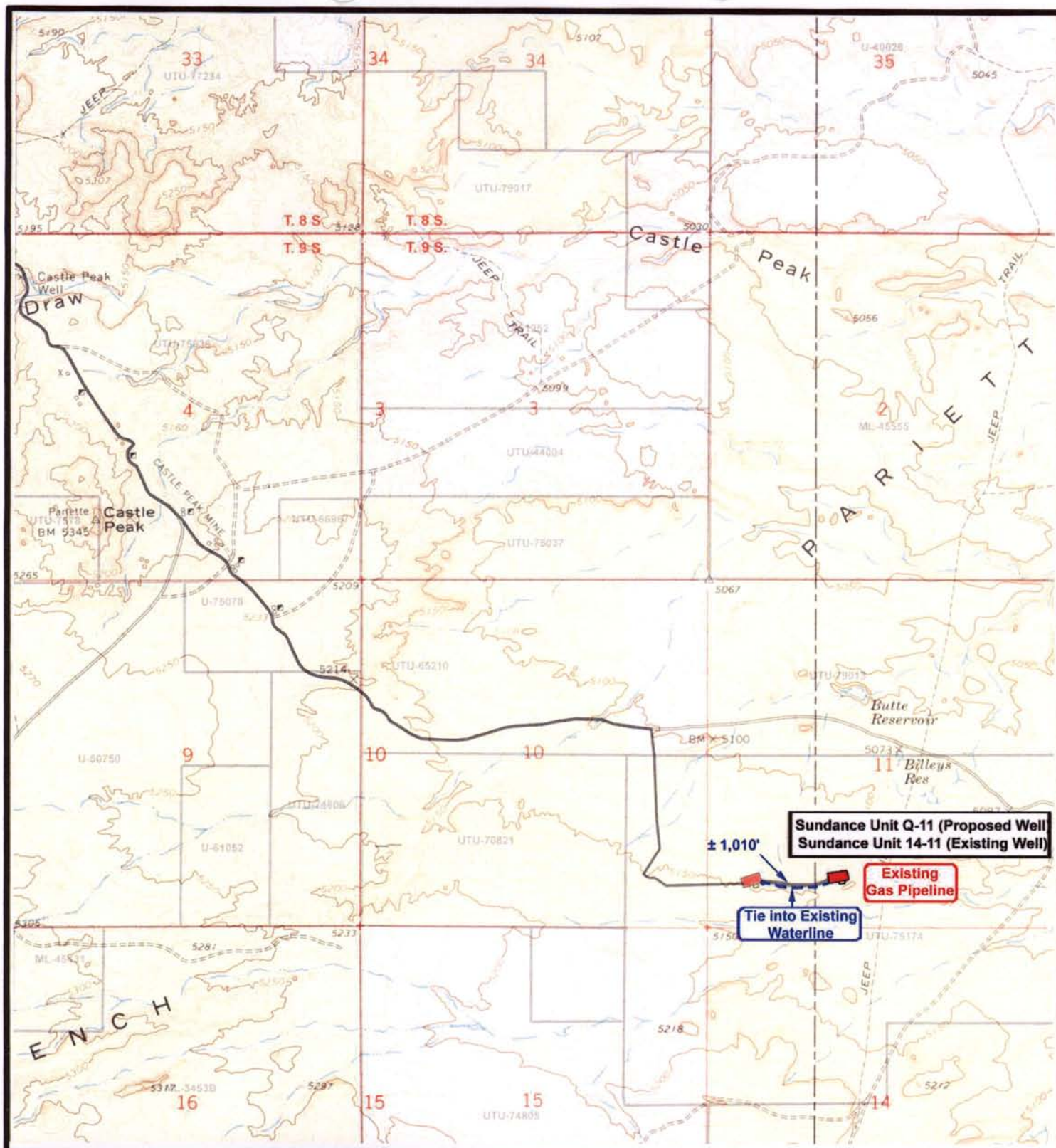
Legend



Existing Road
Proposed Access

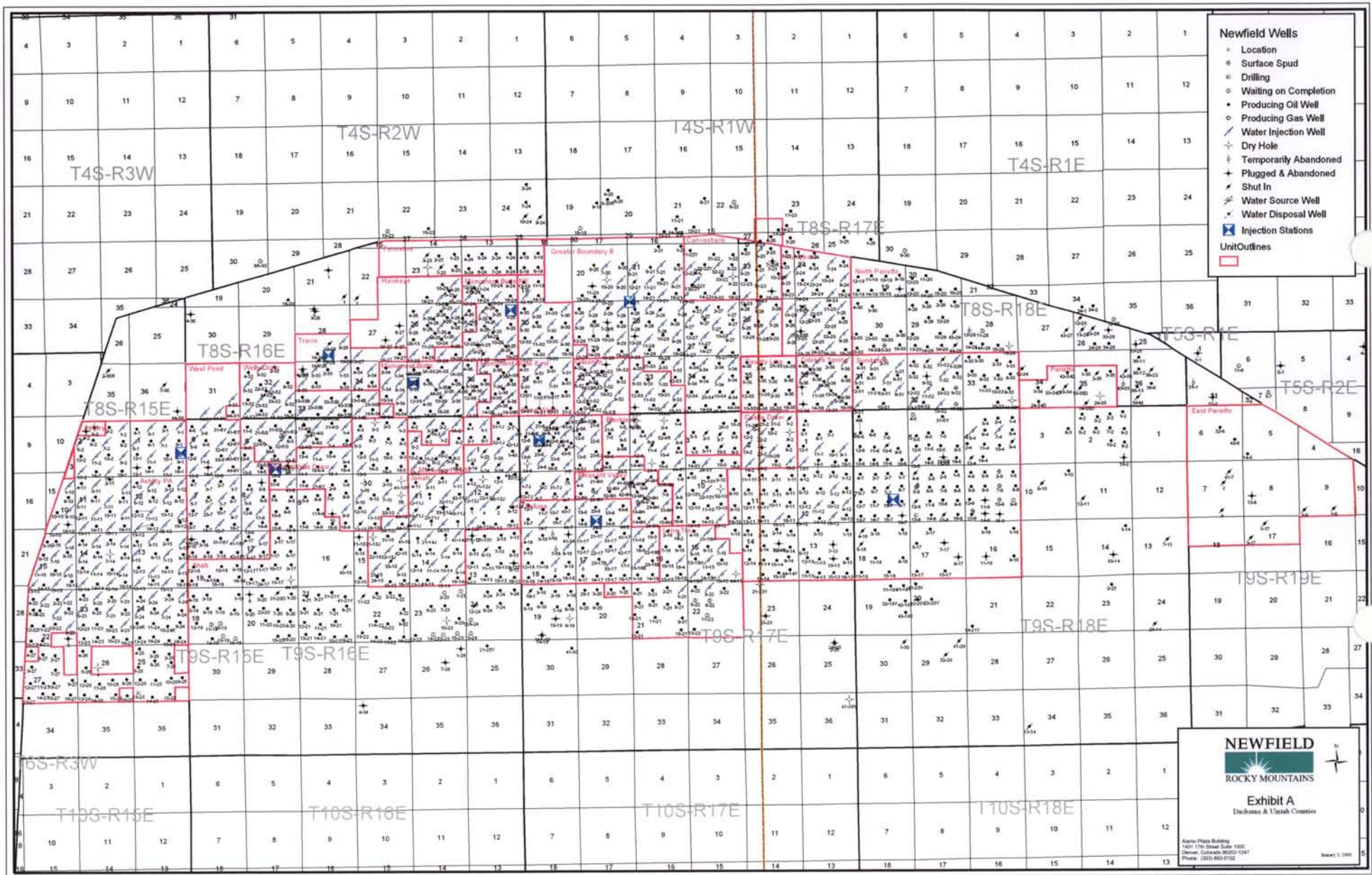
TOPOGRAPHIC MAP
"A"

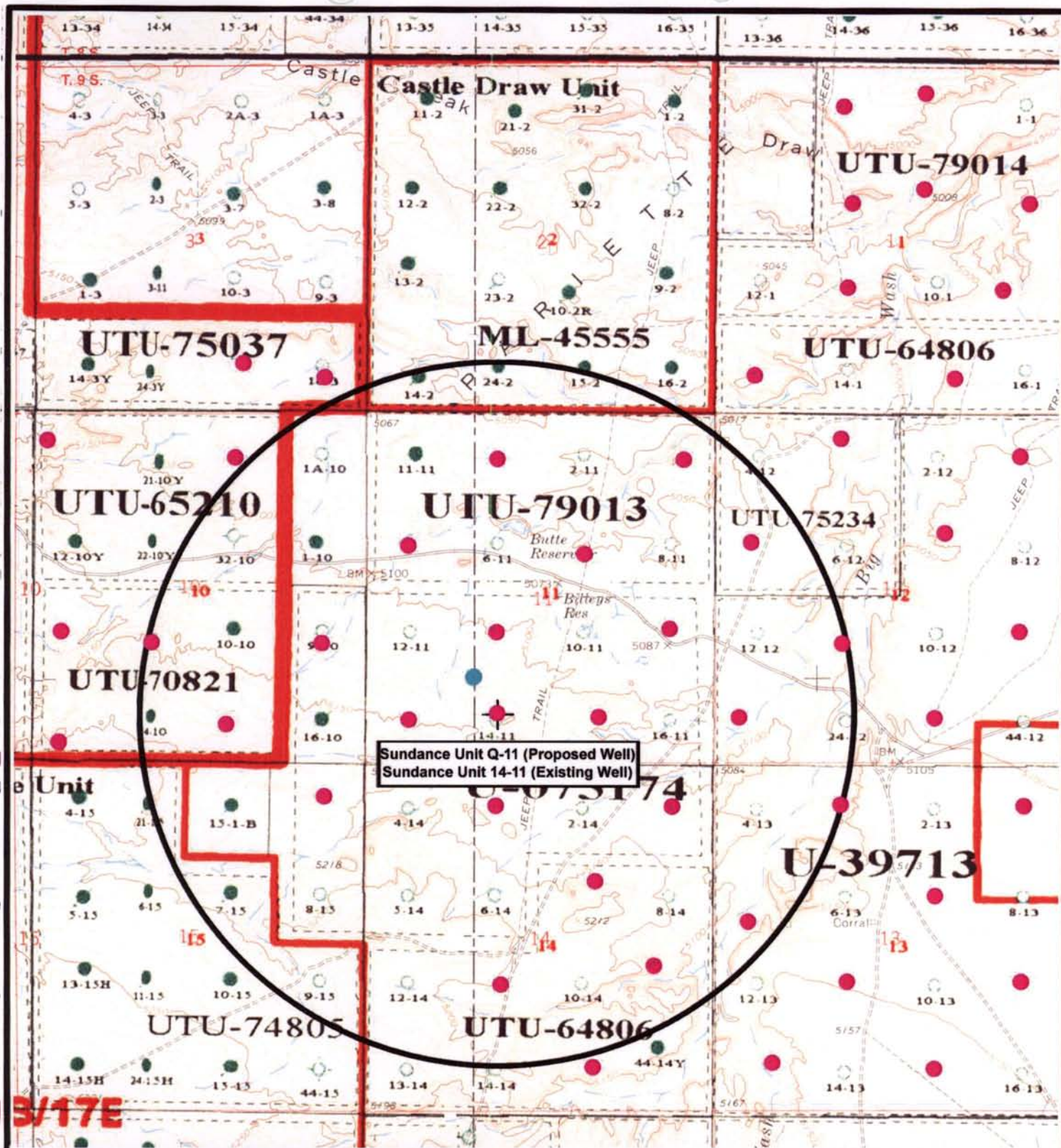



 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p>	<p>Legend</p> <p>Existing Road</p> <p>Proposed Access</p>
<p>Sundance Unit Q-11-9-17 (Proposed Well) Sundance Unit 14-11-9-17 (Existing Well) Pad Location: SESW SEC. 11, T9S, R17E, S.L.B.&M.</p>		<p>SCALE: 1" = 2,000'</p> <p>DRAWN BY: JAS</p> <p>DATE: 09-16-2008</p>	<p>TOPOGRAPHIC MAP</p> <p>"B"</p>



 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: JAS DATE: 09-16-2008</p>	<p>Legend</p> <p>— Roads - - - Proposed Waterline</p> <p>TOPOGRAPHIC MAP</p> <p>"C"</p>
<p>Sundance Unit Q-11-9-17 (Proposed Well) Sundance Unit 14-11-9-17 (Existing Well) Pad Location: SESW SEC. 11, T9S, R17E, S.L.B.&M.</p>			





 <p>NEWFIELD Exploration Company</p>		 <p>Tri-State Land Surveying Inc. (435) 781-2501 180 North Vernal Ave. Vernal, Utah 84078</p> <p>SCALE: 1" = 2,000' DRAWN BY: JAS DATE: 09-16-2008</p>	<p>Legend</p> <ul style="list-style-type: none"> ● Pad Location ● Bottom Hole Location ○ One-Mile Radius <p>Exhibit "B"</p>
<p>Sundance Unit Q-11-9-17 (Proposed Well) Sundance Unit 14-11-9-17 (Existing Well) Pad Location: SESW SEC. 11, T9S, R17E, S.L.B.&M.</p>			

2-M SYSTEM

Blowout Prevention Equipment Systems

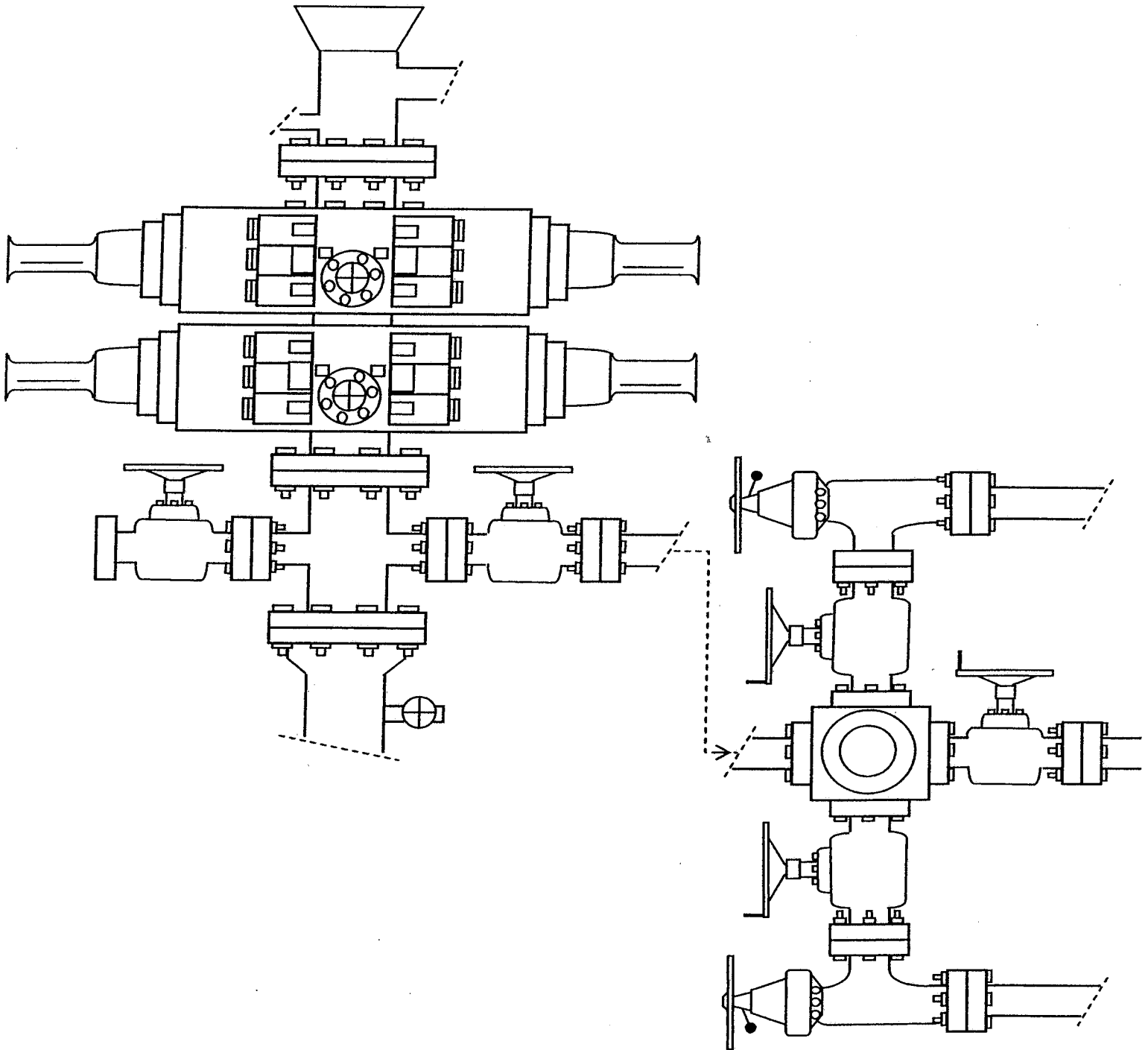


EXHIBIT C

CULTURAL RESOURCE EVALUATION OF 16 PROPOSED INLAND UNITS IN THE SOUTH WELLS DRAW -- CASTLE PEAK DRAW -- PARIETTE BENCH LOCALITIES OF UINTAH & DUCHESNE COUNTIES, UTAH

Report Prepared for Inland Resources, Inc.

Units 6-10(9-16), 13-10(9-16), 7-36(8-17), 11-36(8-17), 1-35(8-17), 7-35(8-17), 9-35(8-17)
9-2(9-17), 15-2(9-17), 16-2(9-17), 1-11(9-17), 2-11(9-17), 3-11(9-17), 6-11(9-17), 7-11(9-17),
& 8-11(9-17)

Department of Interior Permit No.: UT-98-54937

Utah State Project No.: UT-98-AF-0166bs

AERC Project 1597 (CNG98-3B)

Author of the Report:

F. Richard Hauck



ARCHEOLOGICAL-ENVIRONMENTAL RESEARCH CORPORATION

181 North 200 West, Suite 5 -- Bountiful, Utah 84010

P.O. Box 853, Bountiful, Utah 84011

Phone: (801) 292-7061, 292-9668

FAX: (801) 292-0614

E-mail: ari@xmission.com Web page: www.ari-aerc.org

April 20, 1998

2 of 2

INLAND RESOURCES, INC.

**PALEONTOLOGICAL FIELD SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE AND Uintah COUNTIES, UTAH**

(South ½ Section 6, T 9 S, R 18 E; South ½ Section 1, T 9 S, R 17 E;
all of Sections 11 and 12, the NW, SE & NE quarters of the SW ¼ Section 10,
the NE ¼ & SE ¼ of the SE ¼ Section 9, T 9 S, R 17 E and the SE ¼, SW ¼,
NE ¼ and SE ¼ of the SE ¼, Section 33, T 8 S, R 17 E.)

REPORT OF SURVEY

Prepared for:

Inland Resources, Inc.

Prepared by:

Wade E. Miller
Consulting Paleontologist
May 8, 2003

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 11/19/2008

API NO. ASSIGNED: 43-047-40415

WELL NAME: SUNDANCE FED Q-11-9-17

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SESW 11 090S 170E

SURFACE: 0735 FSL 1989 FWL

BOTTOM: 1330 FSL 1305 FWL

COUNTY: UINTAH

LATITUDE: 40.04021 LONGITUDE: -109.9755

UTM SURF EASTINGS: 587399 NORTHINGS: 4432513

FIELD NAME: 8 MILE FLAT NORTH (590)

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-075174

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. WYB000493)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. 43-7478)

☒ RDCC Review (Y/N)

(Date: _____)

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

 R649-2-3.

Unit: SUNDANCE (GRRV)

 R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

 R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 228-08

Eff Date: 6-15-2005

Siting: Suspends General Siting

☒ R649-3-11. Directional Drill

COMMENTS:

Sup. Separate Bld

STIPULATIONS:

1- Federally Approved



November 17, 2008

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
PO Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
Sundance Federal Q-11-9-17
Sundance Unit
UTU-82472X
Surface Hole: T9S R17E, Section 11: SESW
735' FSL 1989' FWL
Bottom Hole: T9S R17E, Section 11
1330' FSL 1305' FWL
Uintah County, Utah

Dear Ms. Mason;

Pursuant to the filing of Newfield Production Company's ("NPC") Application for Permit to Drill dated November 14, 2008, a copy of which is attached, for the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole location and bottom hole location of this well are both within the boundaries of the Sundance Unit UTU-82472X. Newfield certifies that it is the Sundance Unit Operator and all lands within 460 feet of the entire directional well bore are within the Sundance Unit.

NPC is permitting this well as a directional well in order to minimize surface disturbance. By directionally drilling from the referenced surface location, NPC will be able to utilize the existing roads and pipelines in this area.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please do not hesitate to contact the undersigned at 303-382-4444 or by email at reveland@newfield.com. Your consideration of this matter is greatly appreciated.

Sincerely,

A handwritten signature in cursive script that reads "Roxann Eveland".

Roxann Eveland
Land Associate

RECEIVED
NOV 20 2008
DIV. OF OIL, GAS & MINING

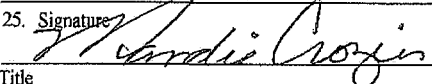
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-075174
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name NA
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. Sundance
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sundance Federal Q-11-9-17
3b. Phone No. (include area code) (435) 646-3721		9. API Well No.
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SE/SW 735' FSL 1989' FWL At proposed prod. zone 1330' FSL 1305' FWL		10. Field and Pool, or Exploratory Monument Butte
14. Distance in miles and direction from nearest town or post office* Approximately 15.4 miles southeast of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 11, T9S R17E
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 2625' f/lse, 2625' f/unit (Also to nearest drig. unit line, if any)	16. No. of acres in lease 720.00	17. Spacing Unit dedicated to this well 20 Acres
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1293'	19. Proposed Depth 5,865'	20. BLM/BIA Bond No. on file WYB000493
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5137' GL	22. Approximate date work will start* 1st Qtr. 2009	23. Estimated duration (7) days from SPUD to rig release
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- | | |
|--|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 11/14/08
Title Regulatory Specialist		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

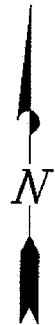
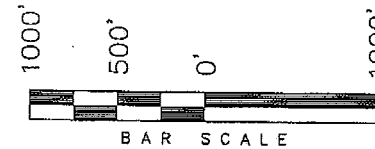
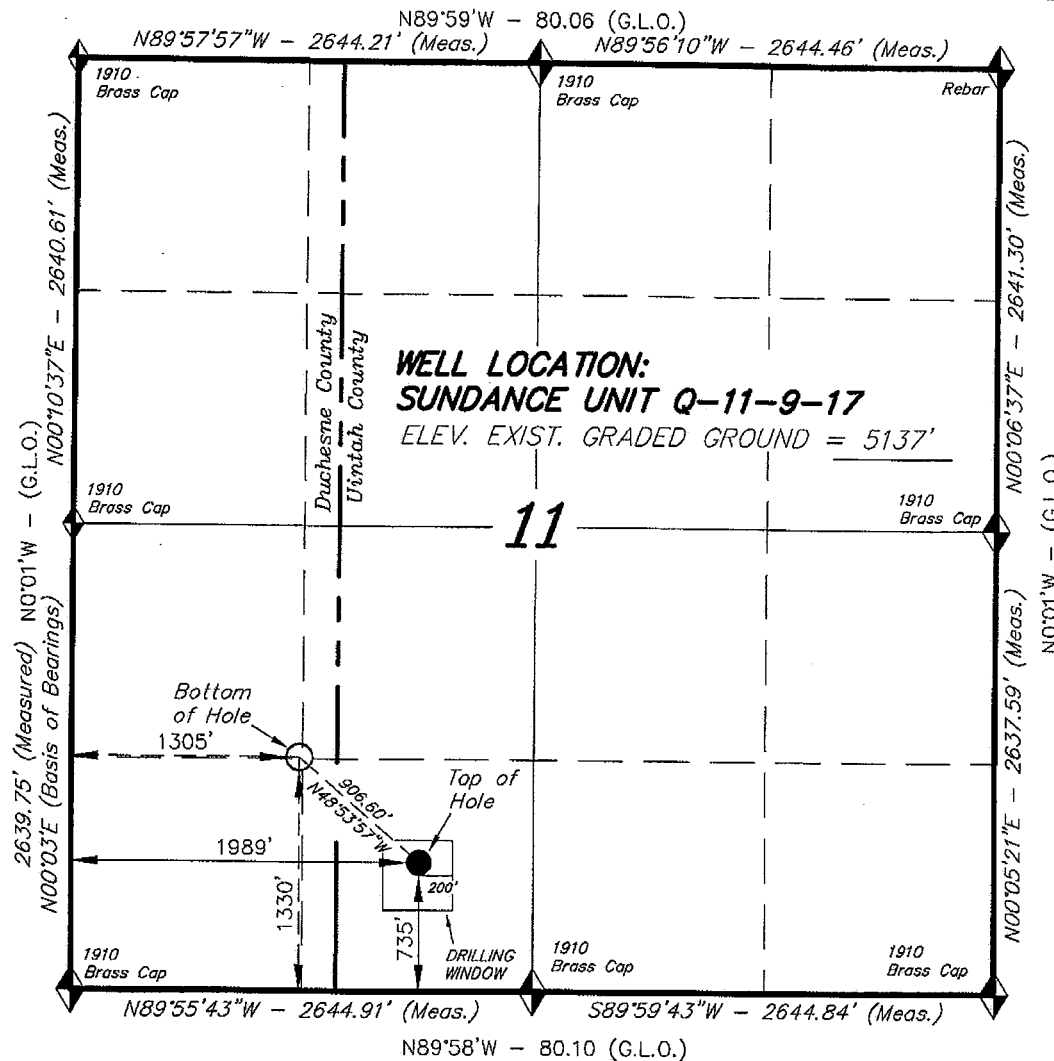
*(Instructions on page 2)

RECEIVED
NOV 20 2008
DIV. OF OIL, GAS & MINING

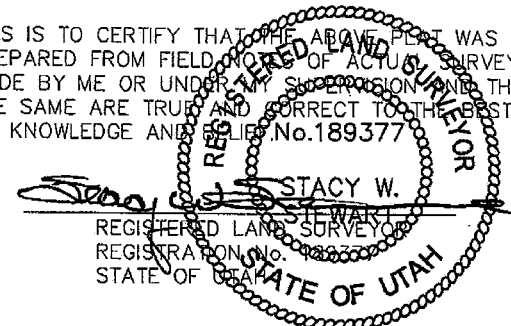
T9S, R17E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, SUNDANCE UNIT
Q-11-9-17, LOCATED AS SHOWN IN THE
SE 1/4 SW 1/4 OF SECTION 11, T9S,
R17E, S.L.B.&M. UTAH COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377



◆ = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (PARIETTE DRAW SW)

SUNDANCE UNIT Q-11-9-17
(Surface Location) NAD 83
LATITUDE = 40° 02' 24.93"
LONGITUDE = 109° 58' 34.22"

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED: 08-19-08	SURVEYED BY: T.H.
DATE DRAWN: 08-27-08	DRAWN BY: M.W.
REVISED: 09-23-08 F.T.M.	SCALE: 1" = 1000'

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

November 21, 2008

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2008 Plan of Development Sundance Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2008 within the Sundance Unit, Uintah County, Utah.

API#	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-047-40414	Sundance Fed F-33-8-18	Sec 33 T08S R18E 1792 FNL 0878 FWL BHL Sec 33 T08S R18E 1245 FNL 0100 FWL
43-047-40415	Sundance Fed Q-11-9-17	Sec 11 T09S R17E 0735 FSL 1989 FWL BHL Sec 11 T09S R17E 1330 FSL 1305 FWL
43-013-34143	Sundance Fed K-10-9-17	Sec 11 T09S R17E 1998 FSL 0677 FWL BHL Sec 10 T09S R17E 2660 FNL 0070 FEL
43-013-34144	Sundance Fed P-11-9-17	Sec 11 T09S R17E 0679 FSL 0672 FWL BHL Sec 11 T09S R17E 1280 FSL 0040 FWL

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File – Sundance Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron



JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 24, 2008

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Sundance Federal Q-11-9-17 Well, Surface Location 735' FSL, 1989' FWL, SE SW,
Sec. 11, T. 9 South, R. 17 East, Bottom Location 1330' FSL, 1305' FWL, SE SW,
Sec. 11, T. 9 South, R. 17 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-40415.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal Field Office



Operator: Newfield Production Company

Well Name & Number Sundance Federal Q-11-9-17

API Number: 43-047-40415

Lease: UTU-075174

Surface Location: SE SW Sec. 11 T. 9 South R. 17 East

Bottom Location: SE SW Sec. 11 T. 9 South R. 17 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dustin Doucet at (801) 538-5281 (801) 733-0983 home

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. In accordance with Utah Admin. R. 649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
VERNAL FIELD OFFICE

FORM APPROVED
OMB No. 1004-0137
Expires July 31, 2010

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		15. Lease Serial No. UTU-075174	
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		16. Indian, Allottee or Tribe Name NA	
2. Name of Operator Newfield Production Company		17. Lease or CA Agreement, Name and No. Sundance	
3a. Address Route #3 Box 3630, Myton UT 84052		8. Lease Name and Well No. Sundance Federal Q-11-9-17	
3b. Phone No. (include area code) (435) 646-3721		9. API Well No. 43 047 40415	
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface SE/SW 735' FSL 1989' FWL At proposed prod. zone 1330' FSL 1305' FWL NWSW		10. Field and Pool, or Exploratory Monument Butte	
14. Distance in miles and direction from nearest town or post office* Approximately 15.4 miles southeast of Myton, UT		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 11, T9S R17E	
15. Distance from proposed* location to nearest property or lease line, ft. Approx. 2625' f/lse, 2625' f/unit (Also to nearest drig. unit line, if any)		12. County or Parish Uintah	
16. No. of acres in lease 720.00		13. State UT	
17. Spacing Unit dedicated to this well 20 Acres			
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1293'		20. BLM/BIA Bond No. on file WYB000493	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5137' GL		22. Approximate date work will start* 1st Qtr. 2009	
		23. Estimated duration (7) days from SPUD to rig release	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification
6. Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Mandie Crozier</i>	Name (Printed/Typed) Mandie Crozier	Date 11/14/08
Title Regulatory Specialist		

Approved by (Signature) <i>[Signature]</i>	Name (Printed/Typed) <i>Terry Kowals</i>	Date APR 16 2009
Title Assistant Field Manager Lands & Mineral Resources		Office VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

NOTICE OF APPROVAL

*(Instructions on page 2)

NOS 9/22/08

AFMSS# 089V50245A

RECEIVED
APR 22 2009
DIV. OF OIL, GAS & MINING

UDOGM



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4401



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company

Location:

SESW, Sec. 11, T9S, R17E (S)

NWSW, Sec. 11, T9S, R17E (B)

Well No: Sundance Federal Q-11-9-17

Lease No:

UTU-075174

API No: 43-013-40415

Agreement:

N/A

41

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist	Christine Cimiluca	(435) 781-4475	
NRS/Enviro Scientist	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist	Lori Ford	(435) 781-4406	
NRS/Enviro Scientist	David Gordon	(435) 781-4424	
NRS/Enviro Scientist	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist	Nathan Packer	(435) 781-3405	(435) 828-3545
NRS/Enviro Scientist	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist	Holly Villa	(435) 781-4404	(435) 828-3544
		Fax: (435) 781-3420	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify Environmental Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify Environmental Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings.
BOP & Related Equipment Tests (Notify Supv. Petroleum Tech.)	-	Twenty-Four (24) hours prior to initiating pressure tests.
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

- All new and replacement internal combustion gas field engines of less than or equal to 300 design-rated horsepower must not emit more than 2 gms of NO_x per horsepower-hour. This requirement does not apply to gas field engines of less than or equal to 40 design-rated horsepower.
- All and replacement internal combustion gas field engines of greater than 300 design rated horsepower must not emit more than 1.0 gms of NO_x per horsepower-hour.
- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

CONDITIONS OF APPROVAL:

Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.

Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim/Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the reshaping of the pad to the original contour to the extent possible; the re-spreading of the top soil up to the rig anchor points; and, the area reseeded using appropriate reclamation methods. The AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be **seeded using a rangeland drill**. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Forage Kochia	<i>Kochia prostrata</i>	0.20	1/2"
Squirreltail grass	<i>Elymus elymoides</i>	3.0	1/4 - 1/2"
Siberian wheatgrass	<i>Agropyron fragile</i>	1.0	1/2"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	1/2"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	1/2"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	1/2"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	1/8 - 1/4"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

• **Final reclamation:**

- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be re-contoured and the topsoil re-spread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be re-contoured to natural topography, topsoil shall be re-spread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim unless otherwise instructed. If reclamation seeding shall take place using the broadcast method, the seed at a minimum will be walked into the soil with a dozer immediately after the seeding is completed.

**DOWNHOLE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

SITE SPECIFIC DOWNHOLE COAs:

Newfield Production Co. shall adhere to all referenced requirements in the SOP along with all Oil and Gas rules and requirements listed in the Code of Federal Regulations and all Federal Onshore Oil and Gas Orders.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.

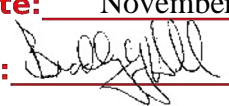
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.
- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (1/4 1/4, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-075174
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: SUNDANCE (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: SUNDANCE FED Q-11-9-17
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0735 FSL 1989 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SESW Section: 11 Township: 09.0S Range: 17.0E Meridian: S		9. API NUMBER: 43047404150000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: 8 MILE FLAT NORTH
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/23/2009 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input checked="" type="checkbox"/> APD EXTENSION OTHER: </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Newfield requests to extend the permit to drill this well for one more year.		
<p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: <u>November 24, 2009</u></p> <p style="color: red; font-weight: bold;">By: <u></u></p>		
NAME (PLEASE PRINT) Mandie Crozier		PHONE NUMBER 435 646-4825
SIGNATURE N/A		TITLE Regulatory Tech
DATE 11/23/2009		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047404150000

API: 43047404150000

Well Name: SUNDANCE FED Q-11-9-17

Location: 0735 FSL 1989 FWL QTR SESW SEC 11 TWNP 090S RNG 170E MER S

Company Permit Issued to: NEWFIELD PRODUCTION COMPANY

Date Original Permit Issued: 11/24/2008

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- If located on private land, has the ownership changed, if so, has the surface agreement been updated? ☐ Yes ☒ No
- Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? ☐ Yes ☒ No
- Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? ☐ Yes ☒ No
- Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location? ☐ Yes ☒ No
- Has the approved source of water for drilling changed? ☐ Yes ☒ No
- Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? ☐ Yes ☒ No
- Is bonding still in place, which covers this proposed well? ☒ Yes ☐ No

**Approved by the
Utah Division of
Oil, Gas and Mining**

Signature: Mandie Crozier

Date: 11/23/2009

Title: Regulatory Tech **Representing:** NEWFIELD PRODUCTION COMPANY

Date: November 24, 2009

By: 

RECEIVED November 23, 2009

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-075174
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: SUNDANCE FEDERAL Q-11-9-17
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 9S NE 11		8. WELL NAME and NUMBER: 4304740415
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 10, T9S, R17E		9. API NUMBER: 4304740415
		10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
		COUNTY: UTAH
		STATE: UT

II CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON	
	<input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/13/2010	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> CHANGE WELL STATUS	<input checked="" type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF	
	<input type="checkbox"/> COMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -	
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION		

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well was drilled incorrectly to a target that is different from the planned BHL in the NWSW Section 11, T9S, R17E. The new BHL for this well is 1874' FSL, 2592' FEL NWSE Section 11, T9S, R17E S.L.B.&M. The final directional survey is attached.

This well was placed on production on 4/13/2010.

If you have any questions or require more information, please contact me at (303) 382-4470

RECEIVED

APR 15 2010

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Eric Sundberg

TITLE Regulatory Analyst

SIGNATURE

DATE 04/13/2010

(This space for State use only)

Daily Activity Report

Format For Sundry

SUNDANCE Q-11-9-17**2/1/2010 To 6/30/2010****4/5/2010 Day: 1****Completion**

Rigless on 4/5/2010 - CBL/perferate 1st stage. - Instal 5M frac head & Cameron BOP's. RU Hot Oiler & test casing, frac head w/ valves & BOP's to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD was 5880' w/ cement top @ 180'. Couldn't get deep enough to perforate BslSd sand. RIH w/ 3-1/8" Port Guns (11 gram, .36"EH, 120°, 16.82"pen) & perforate CP5 sds @ 5814-18', CP4 sds @ 5756-58', 5724-27', 5709-10' w/ 3 spf for total of 30 shots. SIFN w/ 141 bbls EWTR.

Daily Cost: \$0**Cumulative Cost: \$12,495****4/9/2010 Day: 2****Completion**

Rigless on 4/9/2010 - RU Perforators LLC & BJ Services. Perforate & frac 6 stages. RD BJ & Perforators. Flowback well for 6 hr & 15 mins. Rec 1128 BTR. SIWFN w/ 2361 BWTR. - RU Perforators LLC & BJ Services. Perforate & frac 6 stages. RD BJ & Perforators. Flowback well for 6 hr & 15 mins. Rec 1128 BTR. SIWFN w/ 2361 BWTR.

Daily Cost: \$0**Cumulative Cost: \$146,120****4/12/2010 Day: 3****Completion**

Rigless on 4/12/2010 - MIRU. Flowback well. Change out BOP & WH. PU & RIH w/ 92 jts of 2 7/8" J-55. EOT @ 2895'. - MIRU. 315 psi on well. Flowback well for 45 mins. ND Cameron BOP & 5M WH. NU 3M WH & Schaeffer BOP. Talley, PU & RIH w/ 4 3/4" Chomp, Bit sub & 92 jts of 2 7/8" J-55 tbg. EOT @ 2895'.

Daily Cost: \$0**Cumulative Cost: \$151,443****4/13/2010 Day: 4****Completion**

WWS #1 on 4/13/2010 - Drill out 5 CBP's. C/O to PBTD. Made 3 swab runs. SIWFN w/ 2990 BWTR. - 0 psi on tbg, 100 psi on csg. Continue PU tbg. Tagged plug @ 4760'. RU RBS power swivel. Circulate sand & drill out plugs. Plug @ 4760' (Drilled up in 11 mins). Plug @ 4890' (Drill out in 22 mins). Plug @ 5030' (Drilled up in 19 mins). Plug @ 5190' (Drilled out in 22 mins). Plug @ 5665' (Drilled up in 25 mins). Tagged sand @ 5778'. C/O to PBTD @ 5934'. LD 2 jts of tbg. EOT @ 5872'. RU swab equipment. Made 3 swab runs. Rec 43 BTF. FFL @ 300'. SIWFN w/ 2990 BWTR.

Daily Cost: \$0**Cumulative Cost: \$189,943****4/14/2010 Day: 5****Completion**

WWS #1 on 4/14/2010 - Swab. C/O to PBTD. Round trip for production tbg. ND BOP. Set TA & NU WH. PU & RIH w/ Pump, 4- 1 1/2" wt bars, 160 7/8" guided rods (8 per). SIWFN w/ 2965 BWTR. - 0 psi on well. Made 6 swab runs. Rec 85 BTF. FFL @ 400'. RD swab equipment. PU &

RIH w/ 2 jts of tbg. Tagged PBTD @ 5934'. Circulate well clean. LD 7 jts of tbg. TOH w/ tbg. LD bit & bit sub. PU & RIH w/ production tbg as follows: 2 7/8" Bull plug, 3 jts, 2 7/8" nipple, PBGA, 1 jt, SN, 1 jt, TA, 177 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 18,000#'s of tension. NU WH. Flush tbg w/ 60 bbls of wtr. PU & RIH w/ "A" grade rod string as follows: Central hydraulic 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 160 - 7/8" guided rods (8 per). PU polish rod. SIWFN w/ 2965 BWTR. - 0 psi on tbg, 50 psi on csg. Continue to PU rods. Final rod details as follows: Central hydraulic 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 219 - 7/8" guided rods (8 per), 1- 2' X 7/8" pony, 1 1/2" X 30' Polish rod. Hang head, Space out rods. Fill tbg w/ 3 BW. Pressure test to 800 psi w/ unit. RDMOSU. POP @ 10:30 AM w/ 142" SL @ 4 SPM. 2968 BWTR. - 0 psi on well. Made 6 swab runs. Rec 85 BTF. FFL @ 400'. RD swab equipment. PU & RIH w/ 2 jts of tbg. Tagged PBTD @ 5934'. Circulate well clean. LD 7 jts of tbg. TOH w/ tbg. LD bit & bit sub. PU & RIH w/ production tbg as follows: 2 7/8" Bull plug, 3 jts, 2 7/8" nipple, PBGA, 1 jt, SN, 1 jt, TA, 177 jts of 2 7/8" J-55 tbg. ND BOP. Set TA w/ 18,000#'s of tension. NU WH. Flush tbg w/ 60 bbls of wtr. PU & RIH w/ "A" grade rod string as follows: Central hydraulic 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 160 - 7/8" guided rods (8 per). PU polish rod. SIWFN w/ 2965 BWTR. - 0 psi on tbg, 50 psi on csg. Continue to PU rods. Final rod details as follows: Central hydraulic 2 1/2" X 1 3/4" X 24' RHAC, 4- 1 1/2" wt bars, 219 - 7/8" guided rods (8 per), 1- 2' X 7/8" pony, 1 1/2" X 30' Polish rod. Hang head, Space out rods. Fill tbg w/ 3 BW. Pressure test to 800 psi w/ unit. RDMOSU. POP @ 10:30 AM w/ 142" SL @ 4 SPM. 2968 BWTR. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$195,033

Pertinent Files: Go to File List



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: Q-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well Q-11-9-17
TVD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
MD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,146.0	16.40	31.40	4,027.2	730.8	444.5	855.3	0.61	-0.21	2.00
4,242.0	16.10	33.00	4,119.3	753.6	458.8	882.2	0.56	-0.31	1.67
4,337.0	15.10	36.40	4,210.9	774.6	473.3	907.7	1.43	-1.05	3.58
4,432.0	15.80	35.90	4,302.4	795.0	488.2	932.9	0.75	0.74	-0.53
4,527.0	15.90	33.50	4,393.8	816.3	503.0	958.8	0.70	0.11	-2.53
4,622.0	15.90	33.30	4,485.2	838.1	517.3	984.9	0.06	0.00	-0.21
4,717.0	16.04	34.10	4,576.5	859.8	531.8	1,011.0	0.27	0.15	0.84
4,812.0	14.99	31.20	4,668.0	881.2	545.5	1,036.4	1.37	-1.11	-3.05
4,908.0	15.16	31.77	4,760.7	902.5	558.6	1,061.3	0.23	0.18	0.59
5,003.0	15.91	33.66	4,852.3	923.9	572.3	1,086.8	0.95	0.79	1.99
5,098.0	14.81	32.19	4,943.9	945.0	586.0	1,111.9	1.23	-1.16	-1.55
5,193.0	14.44	32.08	5,035.8	965.3	598.8	1,135.9	0.39	-0.39	-0.12
5,288.0	15.23	32.08	5,127.6	985.9	611.7	1,160.2	0.83	0.83	0.00
5,360.8	15.06	31.94	5,197.9	1,002.0	621.8	1,179.3	0.24	-0.24	-0.19
Q-11-9-17 TGT									
5,384.0	15.00	31.90	5,220.3	1,007.1	625.0	1,185.3	0.24	-0.24	-0.19
5,478.0	14.60	31.70	5,311.2	1,027.5	637.6	1,209.3	0.43	-0.43	-0.21
5,573.0	16.00	31.50	5,402.8	1,048.9	650.7	1,234.4	1.47	1.47	-0.21
5,668.0	16.70	32.00	5,494.0	1,071.6	664.8	1,261.1	0.75	0.74	0.53
5,764.0	16.00	33.00	5,586.1	1,094.4	679.3	1,288.1	0.79	-0.73	1.04
5,858.0	14.90	34.40	5,676.7	1,115.3	693.2	1,313.1	1.24	-1.17	1.49
5,932.0	13.20	33.58	5,748.5	1,130.2	703.3	1,331.1	2.31	-2.30	-1.11
5,980.0	12.90	33.25	5,795.2	1,139.2	709.2	1,341.9	0.64	-0.63	-0.69

Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
Q-11-9-17 TGT	0.00	0.00	5,200.0	996.8	615.2	7,187,492.76	2,061,055.09	40° 2' 30.581 N	109° 59' 50.870 W
- actual wellpath misses by 8.7ft at 5360.8ft MD (5197.9 TVD, 1002.0 N, 621.8 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



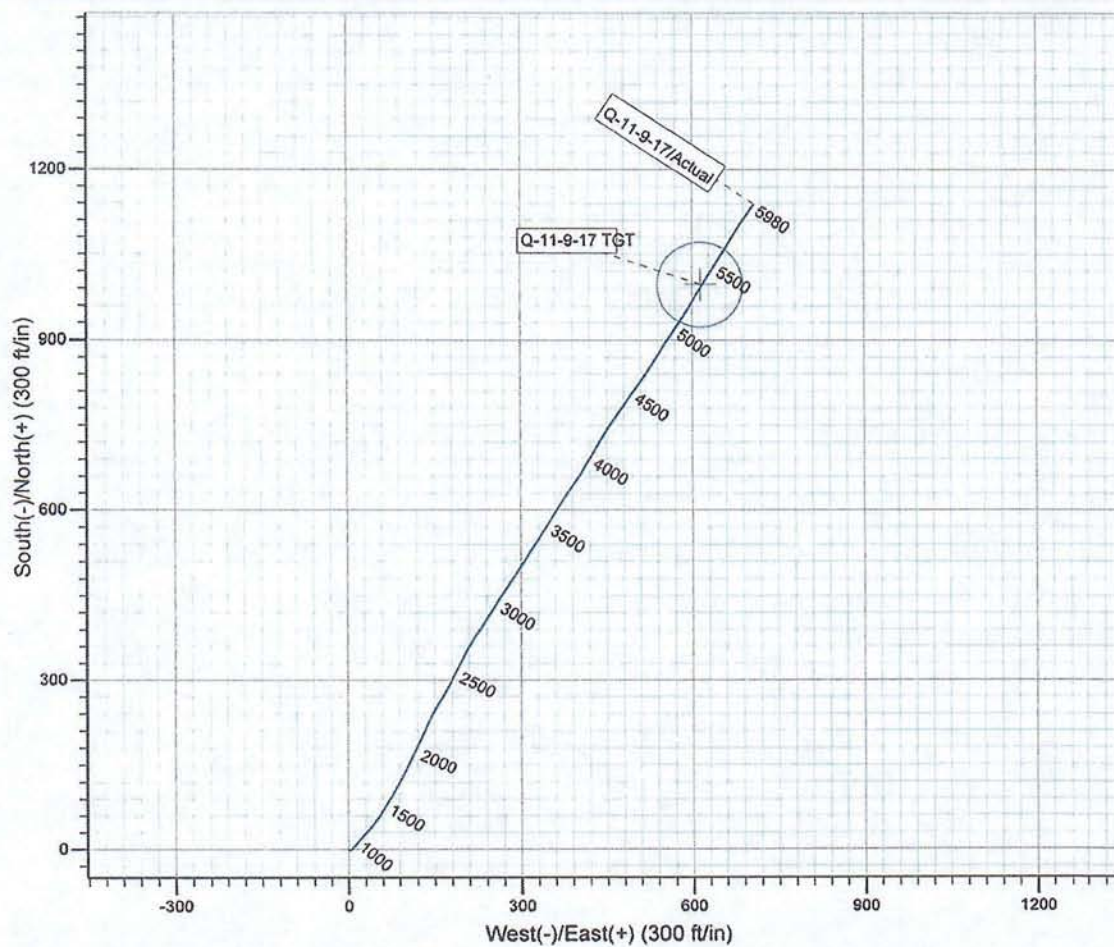
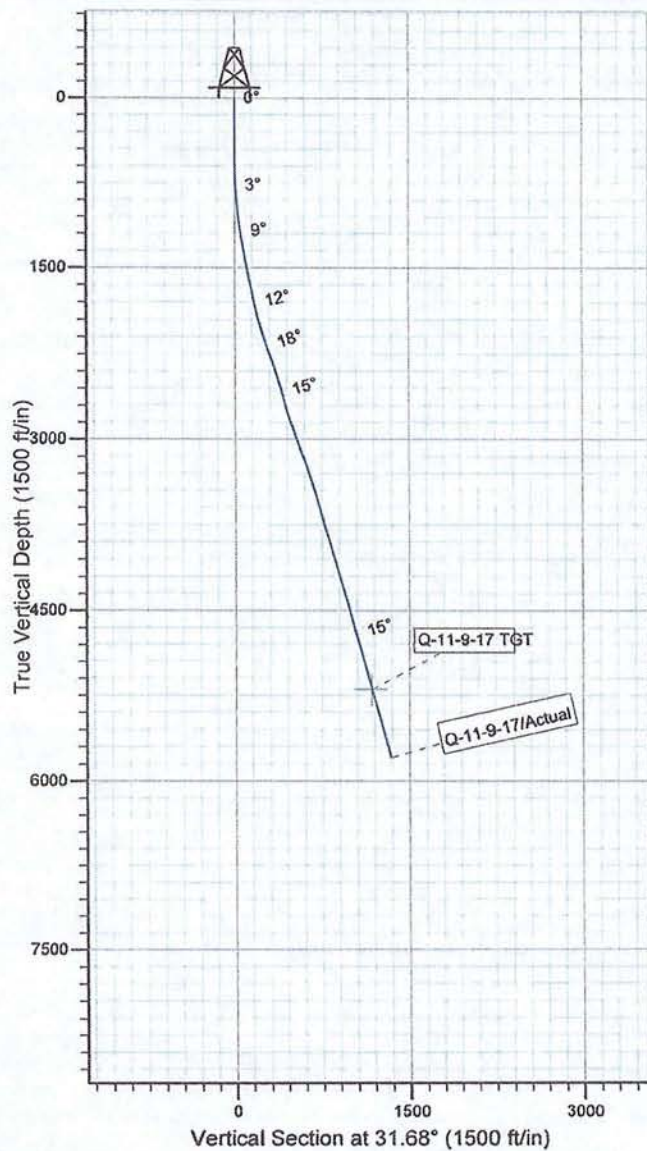
Project: USGS Myton SW (UT)
 Site: SECTION 10
 Well: Q-11-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.45°

Magnetic Field
 Strength: 52403.7snT
 Dip Angle: 65.83°
 Date: 2010/03/10
 Model: IGRF2010



HATHAWAY HBB BURNHAM
 DIRECTIONAL & MWD SERVICES

Design: Actual (Q-11-9-17/Wellbore #1)

Created By: *Jim Hudson* Date: 16:00, March 23 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

SUNDANCE Q-11-9-17**1/1/2010 To 5/30/2010****SUNDANCE Q-11-9-17****Waiting on Cement****Date:** 3/13/2010

Ross #21 at 320. Days Since Spud - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - Returned 3 bbls to pit. - On 3/12/10 Ross Rig #21 spud SD Q-11-9-17, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8" - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 320.25' KB. On 3/13/10 BJ Services cemented - Left damn of cement around hole since bubbles were still coming up from annular after 45 minutes.

Daily Cost: \$0**Cumulative Cost:** \$26,514**SUNDANCE Q-11-9-17****Rigging down****Date:** 3/19/2010

NDSI #2 at 320. 0 Days Since Spud - R/U Quick Test, Test Pipe, blind rams, choke, kelly, safety valve to 2,000PSI for Ten Minutes. - Prepair for move - Drill 7 7/8" hole F/ 320' to 2325' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - Pickup Kelly gain circulation Drill float and Shoe - 1X30' monel, 1X4.52' Gap Sub, 1X2.54 Antenna Sub, 1X30' Monel, 26 HWDP. Tag @ 320' - Pick Up BHA as follows, Smith MI616 7 7/8" PDC bit, Hunting Mud motor 7/8 3.8stg 1.5° MM, - Test surface csg. @ 1,500 PSI for 30min. All tested good - R/U Quick Test, Test Pipe, blind rams, choke, kelly, safety valve to 2,000PSI for Ten Minutes. - MIRU on the Sundance Fed. Q-11-9-17 - Prepair for move - Test surface csg. @ 1,500 PSI for 30min. All tested good - Pick Up BHA as follows, Smith MI616 7 7/8" PDC bit, Hunting Mud motor 7/8 3.8stg 1.5° MM, - 1X30' monel, 1X4.52' Gap Sub, 1X2.54 Antenna Sub, 1X30' Monel, 26 HWDP. Tag @ 320' - Pickup Kelly gain circulation Drill float and Shoe - Drill 7 7/8" hole F/ 320' to 2325' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - MIRU on the Sundance Fed. Q-11-9-17

Daily Cost: \$0**Cumulative Cost:** \$26,864**SUNDANCE Q-11-9-17****Drill 7 7/8" hole with fresh water****Date:** 3/20/2010

NDSI #2 at 4702. 2 Days Since Spud - Drill 7 7/8" hole F/ 2325' to 3181' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - Drill 7 7/8" hole F/ 3181' to 4702' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - Rig Service, Function test BOP and Crown-O-Matic Grease Crown, blocks and swivel

Daily Cost: \$0**Cumulative Cost:** \$78,348**SUNDANCE Q-11-9-17****Lay Down Drill Pipe/BHA****Date:** 3/21/2010

NDSI #2 at 5990. 3 Days Since Spud - Boiler 15 Hrs - LDDP - Drill 7 7/8" Hole From 5083' To 5990', 30,000 lbs WOB, 163 RPM, 344 GPM, 75.5 fph Avg ROP - Circ Hole For Laydown & Logs - Rig Service, Check Crown-A-Matic, Function Test Bop's - Spot 260 bbls 10# Brine - No H₂s Reported Last 24 Hrs - Drill 7 7/8" Hole From 4702' To 5083', 26,000 lbs WOB, 163 RPM, 344 GPM, 63.5 fph Avg ROP - LDDP To 4,000' **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$122,389

SUNDANCE Q-11-9-17**Lay Down Drill Pipe/BHA****Date:** 3/22/2010

NDSI #2 at 5990. 4 Days Since Spud - @5934' Transferred 3 Jts To Sundance Federal P-11-91-7 - R/U Marcus Liddell Casing Crew, Run 137 Jts 5.5 15.5# J-55 Casing Shoe Set @ 5979' Top Float Collar - R/U B&C Quick Test, Test 5 1/2" Casing Rams To 2000 psi For 10 Mins, Tested OK - TD To 3,000' Loggers TD 5972' - Gain Circulation, Circulate Casing With Rig Pump While BJ Rigged Up - Rig Up BJ Services, Pressure Test Lines To 4000 psi, Pump 1st Stage 280 sk Mixed At 11.0 ppg With - 1.24 Yield, PL II +3%
KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF. 2nd Stage Mixed @ 14.4 ppg With 3.50 Yield - 400 sk, 50:50:2+3%KCL+0.5% EC-1+.25#CF+.05#SF+.3SMS+FP-6L. Returned 30 bbls Cement. To Pit Bumped - Plug To 2148 psi - Nipple Down Bop's, Set Slips With 86,000# Tension. - Clean Mud Tanks - Released Rig @ 10:30 PM 3/21/10 - Log Well With Phoenix Surveys, Run DISL/SP/GR Suite; TD To Surface Casing, DSN/SDL/GR/CAL Suite Logs: - Laydown BHA Finalized

Daily Cost: \$0**Cumulative Cost:** \$250,963**Pertinent Files:** Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1 TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5 LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-075174
2 NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6 IF INDIAN, ALLOTTEE OR TRIBE NAME: GMBU
3 ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7 UNIT or CA AGREEMENT NAME: SUNDANCE FEDERAL Q-11-9-17
4 LOCATION OF WELL: FOOTAGES AT SURFACE:		8 WELL NAME and NUMBER: SUNDANCE FEDERAL Q-11-9-17
OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: 10, T9S, R17E		9 API NUMBER: 4304740415
		10 FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: UINTAH
		STATE: UT

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER - Weekly Status Report
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/13/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 04/13/2010, attached is a daily completion status report.

RECEIVED

APR 21 2010

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Lucy Chavez-Naupoto

TITLE Administrative Assistant

SIGNATURE

DATE 04/16/2010

(This space for State use only)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435)646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 735' FSL & 1989' FWL (SE/SW) SEC. 11, T9S, R17E UTU-075174

At top prod. interval reported below 1573' FSL & 2506' FWL (NE/SW) SEC. 11, T9S, R17E UTU-075174

At total depth 1874' FSL & 2580' FEL (NW/SW) SEC. 11, T9S, R17E UTU-075174

14. Date Spudded
03/12/2010

15. Date T.D. Reached
03/21/2010

16. Date Completed 04/13/2010
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
5137' GL 5149' KB

18. Total Depth: MD 5990'
TVD 5795'

19. Plug Back T.D.: MD 5934'
TVD 5451'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
☒ DUAL IND GRD, ☒ SP, ☒ COMP. DENSITY, ☒ COMP. NEUTRON, ☒ GR, ☒ CALIPER, ☒ CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	320'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5979'		280 PRIMLITE		180'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5738'	TA @ 5570'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5709-5908' CP4 CP5 BSL	.36"	3	36
B) Green River			5543-5605' CP1 CP2	.36"	3	30
C) Green River			5073-5116' A.5 A1	.36"	3	27
D) Green River			54962-4990' B2	.36"	3	30

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5709-5908'	Frac w/ 55163#'s 20/40 sand in 349 bbls of Lightning 17 fluid. (CP4 CP5 BSL)
5543-5605'	Frac w/ 70320#'s 20/40 sand in 428 bbls of Lightning 17 fluid. (CP1 CP2)
5073-5116'	Frac w/ 59992#'s 20/40 sand in 371 bbls of Lightning 17 fluid. (A.5 A1)
54962-4990'	Frac w/ 99840#'s 20/40 sand in 607 bbls of Lightning 17 fluid. (B2)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4-13-10	4-30-10	24	→	57	0	8			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

RECEIVED

MAY 24 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29 Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3625' 3817'
				GARDEN GULCH 2 POINT 3	3935' 4205'
				X MRKR Y MRKR	4449' 4487'
				DOUGALS CREEK MRK BI CARBONATE MRK	4617' 4859'
				B LIMESTON MRK CASTLE PEAK	4994' 5486'
				BASAL CARBONATE	5920'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (C) 4811-4819', .36" 3/24 Frac w/ 24653#s of 20/40 sand in 213 bbls of Lightning 17 fluid

Stage 6: Green River Formation (D1 D2) 4643-4698', .36" 3/27 Frac w/ 65269#s of 20/40 sand in 400 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-NaupotoTitle Administrative AssistantSignature Date 05/19/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 10

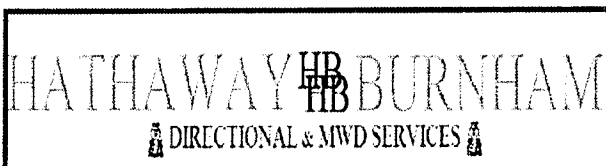
Q-11-9-17

Wellbore #1

Design: Actual

Standard Survey Report

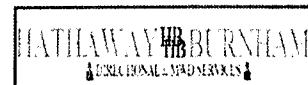
23 March, 2010





HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: Q-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well Q-11-9-17
TVD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
MD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site	SECTION 10, SEC 10 TT9S, R17E			
Site Position:		Northing:	7,188,895.00ft	Latitude: 40° 2' 44.227 N
From:	Lat/Long	Easting:	2,062,318.00ft	Longitude: 109° 59' 34.330 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence: 0.97 °

Well	Q-11-9-17, SHL LAT: 40 02 20.73, LONG: -109 59 58.78			
Well Position	+N/-S	0.0 ft	Northing: 7,186,485.86 ft	Latitude: 40° 2' 20.730 N
	+E/-W	0.0 ft	Easting: 2,060,456.79 ft	Longitude: 109° 59' 58.780 W
Position Uncertainty	0.0 ft	Wellhead Elevation:	5,521.0 ft	Ground Level: 5,209.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/03/10	11.45	65.83	52,404

Design	Actual			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	0.0	0.0	0.0	31.68

Survey Program	Date 2010/03/23			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
424.0	5,980.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey	Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
	0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
	424.0	0.57	135.29	424.0	-1.5	1.5	-0.5	0.13	0.13	0.00
	454.0	0.60	119.60	454.0	-1.7	1.7	-0.5	0.54	0.10	-52.30
	485.0	0.60	138.10	485.0	-1.9	2.0	-0.6	0.62	0.00	59.68
	516.0	1.00	76.30	516.0	-1.9	2.3	-0.4	2.87	1.29	-199.36
	547.0	1.30	69.90	547.0	-1.8	2.9	0.0	1.05	0.97	-20.65
	577.0	1.70	68.50	577.0	-1.5	3.7	0.7	1.34	1.33	-4.67
	608.0	2.00	65.80	608.0	-1.1	4.6	1.5	1.01	0.97	-8.71
	638.0	2.20	57.90	637.9	-0.6	5.6	2.4	1.17	0.67	-26.33
	669.0	2.50	52.70	668.9	0.2	6.6	3.6	1.19	0.97	-16.77
	699.0	2.60	45.30	698.9	1.0	7.6	4.9	1.15	0.33	-24.67
	730.0	2.80	42.70	729.8	2.1	8.6	6.3	0.76	0.65	-8.39
	760.0	3.30	40.60	759.8	3.3	9.7	7.9	1.71	1.67	-7.00



HATHAWAY BURNHAM

Survey Report



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: Q-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well Q-11-9-17
TVD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
MD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
791.0	3.50	36.30	790.7	4.7	10.8	9.7	1.05	0.65	-13.87
822.0	3.70	32.50	821.7	6.3	11.9	11.6	1.00	0.65	-12.26
852.0	3.90	35.20	851.6	8.0	13.0	13.6	0.89	0.67	9.00
883.0	4.40	38.20	882.5	9.8	14.4	15.9	1.76	1.61	9.68
915.0	4.80	39.50	914.4	11.8	16.0	18.4	1.29	1.25	4.06
946.0	5.20	41.00	945.3	13.8	17.7	21.1	1.36	1.29	4.84
978.0	5.90	39.10	977.2	16.2	19.7	24.1	2.26	2.19	-5.94
1,010.0	6.40	40.60	1,009.0	18.8	21.9	27.5	1.64	1.56	4.69
1,041.0	7.00	43.30	1,039.8	21.5	24.3	31.1	2.19	1.94	8.71
1,073.0	7.60	43.90	1,071.5	24.5	27.1	35.1	1.89	1.88	1.88
1,105.0	8.10	43.50	1,103.2	27.6	30.2	39.3	1.57	1.56	-1.25
1,137.0	8.60	42.40	1,134.9	31.0	33.3	43.9	1.64	1.56	-3.44
1,168.0	9.10	41.00	1,165.5	34.6	36.5	48.6	1.76	1.61	-4.52
1,200.0	9.50	39.10	1,197.1	38.5	39.8	53.7	1.58	1.25	-5.94
1,232.0	10.10	38.50	1,228.6	42.8	43.2	59.1	1.90	1.88	-1.88
1,264.0	10.50	37.90	1,260.1	47.3	46.8	64.8	1.29	1.25	-1.88
1,295.0	10.70	34.50	1,290.6	51.9	50.1	70.5	2.12	0.65	-10.97
1,327.0	10.80	32.00	1,322.0	56.9	53.4	76.5	1.49	0.31	-7.81
1,359.0	10.80	30.90	1,353.4	62.0	56.5	82.4	0.64	0.00	-3.44
1,390.0	10.40	30.00	1,383.9	66.9	59.4	88.1	1.40	-1.29	-2.90
1,422.0	10.10	30.90	1,415.4	71.8	62.3	93.8	1.06	-0.94	2.81
1,454.0	9.90	32.10	1,446.9	76.6	65.2	99.4	0.90	-0.63	3.75
1,485.0	10.00	31.80	1,477.5	81.1	68.0	104.8	0.36	0.32	-0.97
1,517.0	10.40	32.00	1,508.9	85.9	71.0	110.4	1.25	1.25	0.63
1,549.0	10.70	32.10	1,540.4	90.9	74.1	116.3	0.94	0.94	0.31
1,580.0	10.70	30.30	1,570.9	95.8	77.1	122.0	1.08	0.00	-5.81
1,612.0	11.00	30.80	1,602.3	101.0	80.2	128.1	0.98	0.94	1.56
1,644.0	11.20	30.60	1,633.7	106.3	83.3	134.2	0.64	0.63	-0.63
1,675.0	11.30	30.60	1,664.1	111.5	86.4	140.3	0.32	0.32	0.00
1,770.0	11.70	26.30	1,757.2	128.1	95.4	159.2	1.00	0.42	-4.53
1,865.0	13.30	25.90	1,849.9	146.6	104.5	179.6	1.69	1.68	-0.42
1,960.0	15.20	23.20	1,942.0	167.9	114.1	202.8	2.12	2.00	-2.84
2,055.0	16.50	23.90	2,033.4	191.7	124.5	228.5	1.38	1.37	0.74
2,150.0	17.50	25.10	2,124.2	216.9	136.0	256.1	1.12	1.05	1.26
2,246.0	19.20	28.60	2,215.4	243.9	149.7	286.2	2.11	1.77	3.65
2,340.0	19.62	29.99	2,304.0	271.1	165.0	317.4	0.66	0.45	1.48
2,436.0	18.70	26.37	2,394.7	298.9	179.9	348.8	1.56	-0.96	-3.77
2,531.0	16.33	27.64	2,485.3	324.3	192.9	377.3	2.53	-2.49	1.34
2,626.0	14.48	26.30	2,576.9	346.8	204.3	402.4	1.98	-1.95	-1.41
2,721.0	15.75	29.05	2,668.6	368.7	215.8	427.2	1.53	1.34	2.89
2,817.0	16.57	34.37	2,760.8	391.4	229.9	453.8	1.76	0.85	5.54
2,912.0	19.80	32.30	2,851.0	416.2	246.2	483.5	3.47	3.40	-2.18
3,007.0	18.65	31.63	2,940.7	442.8	262.7	514.8	1.23	-1.21	-0.71
3,102.0	19.82	32.92	3,030.4	469.2	279.4	546.0	1.31	1.23	1.36
3,196.0	19.78	34.32	3,118.9	495.7	297.1	577.9	0.51	-0.04	1.49
3,290.0	18.74	32.19	3,207.6	521.6	314.1	608.9	1.34	-1.11	-2.27
3,386.0	18.59	32.50	3,298.6	547.6	330.5	639.6	0.19	-0.16	0.32
3,481.0	18.06	32.81	3,388.8	572.7	346.6	669.4	0.57	-0.56	0.33
3,576.0	16.24	31.73	3,479.5	596.4	361.6	697.4	1.94	-1.92	-1.14
3,671.0	15.20	32.70	3,571.0	618.2	375.3	723.2	1.13	-1.09	1.02
3,766.0	15.20	33.50	3,662.7	639.1	388.9	748.1	0.22	0.00	0.84
3,861.0	16.30	31.90	3,754.1	660.8	402.8	773.9	1.24	1.16	-1.68
3,956.0	16.90	31.00	3,845.1	683.9	417.0	801.0	0.69	0.63	-0.95
4,051.0	16.60	29.50	3,936.1	707.6	430.8	828.4	0.55	-0.32	-1.58

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
UTU-0751741a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
NEWFIELD EXPLORATION COMPANY8. Lease Name and Well No.
SUNDANCE FEDERAL Q-11-9-173. Address
1401 17TH ST. SUITE 1000 DENVER, CO 802023a. Phone No. (include area code)
(435)646-37219. AFI Well No.
43-047-40415

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 735' FSL & 1989' FWL (SE/SW) SEC. 11, T9S, R17E UTU-075174

At top prod. interval reported below 1573' FSL & 2506' FWL (NE/SW) SEC. 11, T9S, R17E UTU-075174

At total depth 1874' FSL & 2580' FEL (NW/SW) SEC. 11, T9S, R17E UTU-075174

10. Field and Pool or Exploratory
MONUMENT BUTTE11. Sec., T., R., M., on Block and
Survey or Area SEC. 11, T9S, R17E12. County or Parish
UINTAH13. State
UT14. Date Spudded
03/12/201015. Date T.D. Reached
03/21/201016. Date Completed 04/13/2010
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
5137' GL 5149' KB18. Total Depth: MD 5990'
TVD 5795'19. Plug Back T.D.: MD 5934'
TVD 575120. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

✓ DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	320'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#	0	5979'		280 PRIMLITE		180'	
						400 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5738'	TA @ 5570'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Green River			5709-5908' CP4 CP5 BSL	.36"	3	36
B) Green River			5543-5605' CP1 CP2	.36"	3	30
C) Green River			5073-5116' A.5 A1	.36"	3	27
D) Green River			54962-4990' B2	.36"	3	30

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5709-5908'	Frac w/ 55163#s 20/40 sand in 349 bbls of Lightning 17 fluid. (CP4 CP5 BSL)
5543-5605'	Frac w/ 70320#s 20/40 sand in 428 bbls of Lightning 17 fluid. (CP1 CP2)
5073-5116'	Frac w/ 59992#s 20/40 sand in 371 bbls of Lightning 17 fluid. (A.5 A1)
54962-4990'	Frac w/ 99840#s 20/40 sand in 607 bbls of Lightning 17 fluid. (B2)

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4-13-10	4-30-10	24	→	57	0	8			2-1/2" x 1-3/4" x 20' x 24' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

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MAY 24 2010

DIV. OF OIL, GAS & MINING

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3625' 3817'
				GARDEN GULCH 2 POINT 3	3935' 4205'
				X MRKR Y MRKR	4449' 4487'
				DOUGALS CREEK MRK BI CARBONATE MRK	4617' 4859'
				B LIMESTON MRK CASTLE PEAK	4994' 5486'
				BASAL CARBONATE	5920'

32. Additional remarks (include plugging procedure):

Stage 5: Green River Formation (C) 4811-4819', .36" 3/24 Frac w/ 24653#s of 20/40 sand in 213 bbls of Lightning 17 fluid

Stage 6: Green River Formation (D1 D2) 4643-4698', .36" 3/27 Frac w/ 65269#s of 20/40 sand in 400 bbls of Lightning 17 fluid

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☒ Other: Drilling Daily Activity

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Lucy Chavez-Naupoto

Title Administrative Assistant

Signature

Date 05/19/2010

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 10

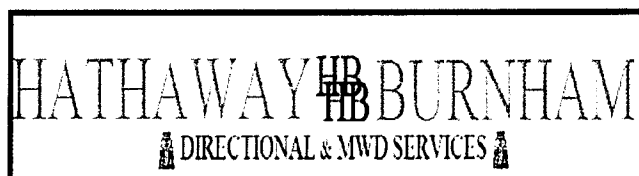
Q-11-9-17

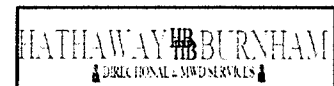
Wellbore #1

Design: Actual

Standard Survey Report

23 March, 2010





Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: Q-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well Q-11-9-17
TVD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
MD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone	Using geodetic scale factor	

Site	SECTION 10, SEC 10 TT9S, R17E				
Site Position:		Northing:	7,188,895.00 ft	Latitude:	40° 2' 44.227 N
From:	Lat/Long	Easting:	2,062,318.00 ft	Longitude:	109° 59' 34.330 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.97 °

Well	Q-11-9-17, SHL LAT: 40 02 20.73, LONG: -109 59 58.78					
Well Position	+N/-S	0.0 ft	Northing:	7,186,485.86 ft	Latitude:	40° 2' 20.730 N
	+E/-W	0.0 ft	Easting:	2,060,456.79 ft	Longitude:	109° 59' 58.780 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,521.0 ft	Ground Level:	5,209.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2010/03/10	11.45	65.83	52,404

Design	Actual				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	31.68	

Survey Program	Date 2010/03/23				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
424.0	5,980.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard	

Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
424.0	0.57	135.29	424.0	-1.5	1.5	-0.5	0.13	0.13	0.00
454.0	0.60	119.60	454.0	-1.7	1.7	-0.5	0.54	0.10	-52.30
485.0	0.60	138.10	485.0	-1.9	2.0	-0.6	0.62	0.00	59.68
516.0	1.00	76.30	516.0	-1.9	2.3	-0.4	2.87	1.29	-199.36
547.0	1.30	69.90	547.0	-1.8	2.9	0.0	1.05	0.97	-20.65
577.0	1.70	68.50	577.0	-1.5	3.7	0.7	1.34	1.33	-4.67
608.0	2.00	65.80	608.0	-1.1	4.6	1.5	1.01	0.97	-8.71
638.0	2.20	57.90	637.9	-0.6	5.6	2.4	1.17	0.67	-26.33
669.0	2.50	52.70	668.9	0.2	6.6	3.6	1.19	0.97	-16.77
699.0	2.60	45.30	698.9	1.0	7.6	4.9	1.15	0.33	-24.67
730.0	2.80	42.70	729.8	2.1	8.6	6.3	0.76	0.65	-8.39
760.0	3.30	40.60	759.8	3.3	9.7	7.9	1.71	1.67	-7.00



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: Q-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well Q-11-9-17
TVD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
MD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
791.0	3.50	36.30	790.7	4.7	10.8	9.7	1.05	0.65	-13.87
822.0	3.70	32.50	821.7	6.3	11.9	11.6	1.00	0.65	-12.26
852.0	3.90	35.20	851.6	8.0	13.0	13.6	0.89	0.67	9.00
883.0	4.40	38.20	882.5	9.8	14.4	15.9	1.76	1.61	9.68
915.0	4.80	39.50	914.4	11.8	16.0	18.4	1.29	1.25	4.06
946.0	5.20	41.00	945.3	13.8	17.7	21.1	1.36	1.29	4.84
978.0	5.90	39.10	977.2	16.2	19.7	24.1	2.26	2.19	-5.94
1,010.0	6.40	40.60	1,009.0	18.8	21.9	27.5	1.64	1.56	4.69
1,041.0	7.00	43.30	1,039.8	21.5	24.3	31.1	2.19	1.94	8.71
1,073.0	7.60	43.90	1,071.5	24.5	27.1	35.1	1.89	1.88	1.88
1,105.0	8.10	43.50	1,103.2	27.6	30.2	39.3	1.57	1.56	-1.25
1,137.0	8.60	42.40	1,134.9	31.0	33.3	43.9	1.64	1.56	-3.44
1,168.0	9.10	41.00	1,165.5	34.6	36.5	48.6	1.76	1.61	-4.52
1,200.0	9.50	39.10	1,197.1	38.5	39.8	53.7	1.58	1.25	-5.94
1,232.0	10.10	38.50	1,228.6	42.8	43.2	59.1	1.90	1.88	-1.88
1,264.0	10.50	37.90	1,260.1	47.3	46.8	64.8	1.29	1.25	-1.88
1,295.0	10.70	34.50	1,290.6	51.9	50.1	70.5	2.12	0.65	-10.97
1,327.0	10.80	32.00	1,322.0	56.9	53.4	76.5	1.49	0.31	-7.81
1,359.0	10.80	30.90	1,353.4	62.0	56.5	82.4	0.64	0.00	-3.44
1,390.0	10.40	30.00	1,383.9	66.9	59.4	88.1	1.40	-1.29	-2.90
1,422.0	10.10	30.90	1,415.4	71.8	62.3	93.8	1.06	-0.94	2.81
1,454.0	9.90	32.10	1,446.9	76.6	65.2	99.4	0.90	-0.63	3.75
1,485.0	10.00	31.80	1,477.5	81.1	68.0	104.8	0.36	0.32	-0.97
1,517.0	10.40	32.00	1,508.9	85.9	71.0	110.4	1.25	1.25	0.63
1,549.0	10.70	32.10	1,540.4	90.9	74.1	116.3	0.94	0.94	0.31
1,580.0	10.70	30.30	1,570.9	95.8	77.1	122.0	1.08	0.00	-5.81
1,612.0	11.00	30.80	1,602.3	101.0	80.2	128.1	0.98	0.94	1.56
1,644.0	11.20	30.60	1,633.7	106.3	83.3	134.2	0.64	0.63	-0.63
1,675.0	11.30	30.60	1,664.1	111.5	86.4	140.3	0.32	0.32	0.00
1,770.0	11.70	26.30	1,757.2	128.1	95.4	159.2	1.00	0.42	-4.53
1,865.0	13.30	25.90	1,849.9	146.6	104.5	179.6	1.69	1.68	-0.42
1,960.0	15.20	23.20	1,942.0	167.9	114.1	202.8	2.12	2.00	-2.84
2,055.0	16.50	23.90	2,033.4	191.7	124.5	228.5	1.38	1.37	0.74
2,150.0	17.50	25.10	2,124.2	216.9	136.0	256.1	1.12	1.05	1.26
2,246.0	19.20	28.60	2,215.4	243.9	149.7	286.2	2.11	1.77	3.65
2,340.0	19.62	29.99	2,304.0	271.1	165.0	317.4	0.66	0.45	1.48
2,436.0	18.70	26.37	2,394.7	298.9	179.9	348.8	1.56	-0.96	-3.77
2,531.0	16.33	27.64	2,485.3	324.3	192.9	377.3	2.53	-2.49	1.34
2,626.0	14.48	26.30	2,576.9	346.8	204.3	402.4	1.98	-1.95	-1.41
2,721.0	15.75	29.05	2,668.6	368.7	215.8	427.2	1.53	1.34	2.89
2,817.0	16.57	34.37	2,760.8	391.4	229.9	453.8	1.76	0.85	5.54
2,912.0	19.80	32.30	2,851.0	416.2	246.2	483.5	3.47	3.40	-2.18
3,007.0	18.65	31.63	2,940.7	442.8	262.7	514.8	1.23	-1.21	-0.71
3,102.0	19.82	32.92	3,030.4	469.2	279.4	546.0	1.31	1.23	1.36
3,196.0	19.78	34.32	3,118.9	495.7	297.1	577.9	0.51	-0.04	1.49
3,290.0	18.74	32.19	3,207.6	521.6	314.1	608.9	1.34	-1.11	-2.27
3,386.0	18.59	32.50	3,298.6	547.6	330.5	639.6	0.19	-0.16	0.32
3,481.0	18.06	32.81	3,388.8	572.7	346.6	669.4	0.57	-0.56	0.33
3,576.0	16.24	31.73	3,479.5	596.4	361.6	697.4	1.94	-1.92	-1.14
3,671.0	15.20	32.70	3,571.0	618.2	375.3	723.2	1.13	-1.09	1.02
3,766.0	15.20	33.50	3,662.7	639.1	388.9	748.1	0.22	0.00	0.84
3,861.0	16.30	31.90	3,754.1	660.8	402.8	773.9	1.24	1.16	-1.68
3,956.0	16.90	31.00	3,845.1	683.9	417.0	801.0	0.69	0.63	-0.95
4,051.0	16.60	29.50	3,936.1	707.6	430.8	828.4	0.55	-0.32	-1.58



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 10
Well: Q-11-9-17
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well Q-11-9-17
TVD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
MD Reference: Q-11-9-17 @ 5221.0ft (RIG #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
4,146.0	16.40	31.40	4,027.2	730.8	444.5	855.3	0.61	-0.21	2.00
4,242.0	16.10	33.00	4,119.3	753.6	458.8	882.2	0.56	-0.31	1.67
4,337.0	15.10	36.40	4,210.9	774.6	473.3	907.7	1.43	-1.05	3.58
4,432.0	15.80	35.90	4,302.4	795.0	488.2	932.9	0.75	0.74	-0.53
4,527.0	15.90	33.50	4,393.8	816.3	503.0	958.8	0.70	0.11	-2.53
4,622.0	15.90	33.30	4,485.2	838.1	517.3	984.9	0.06	0.00	-0.21
4,717.0	16.04	34.10	4,576.5	859.8	531.8	1,011.0	0.27	0.15	0.84
4,812.0	14.99	31.20	4,668.0	881.2	545.5	1,036.4	1.37	-1.11	-3.05
4,908.0	15.16	31.77	4,760.7	902.5	558.6	1,061.3	0.23	0.18	0.59
5,003.0	15.91	33.66	4,852.3	923.9	572.3	1,086.8	0.95	0.79	1.99
5,098.0	14.81	32.19	4,943.9	945.0	586.0	1,111.9	1.23	-1.16	-1.55
5,193.0	14.44	32.08	5,035.8	965.3	598.8	1,135.9	0.39	-0.39	-0.12
5,288.0	15.23	32.08	5,127.6	985.9	611.7	1,160.2	0.83	0.83	0.00
5,360.8	15.06	31.94	5,197.9	1,002.0	621.8	1,179.3	0.24	-0.24	-0.19
Q-11-9-17 TGT									
5,384.0	15.00	31.90	5,220.3	1,007.1	625.0	1,185.3	0.24	-0.24	-0.19
5,478.0	14.60	31.70	5,311.2	1,027.5	637.6	1,209.3	0.43	-0.43	-0.21
5,573.0	16.00	31.50	5,402.8	1,048.9	650.7	1,234.4	1.47	1.47	-0.21
5,668.0	16.70	32.00	5,494.0	1,071.6	664.8	1,261.1	0.75	0.74	0.53
5,764.0	16.00	33.00	5,586.1	1,094.4	679.3	1,288.1	0.79	-0.73	1.04
5,858.0	14.90	34.40	5,676.7	1,115.3	693.2	1,313.1	1.24	-1.17	1.49
5,932.0	13.20	33.58	5,748.5	1,130.2	703.3	1,331.1	2.31	-2.30	-1.11
5,980.0	12.90	33.25	5,795.2	1,139.2	709.2	1,341.9	0.64	-0.63	-0.69

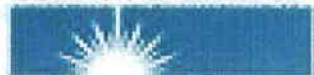
Wellbore Targets

Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
- Shape									
Q-11-9-17 TGT	0.00	0.00	5,200.0	996.8	615.2	7,187,492.76	2,061,055.09	40° 2' 30.581 N	109° 59' 50.870 W
- actual wellpath misses by 8.7ft at 5360.8ft MD (5197.9 TVD, 1002.0 N, 621.8 E)									
- Circle (radius 75.0)									

Checked By: _____ Approved By: _____ Date: _____

NEWFIELD



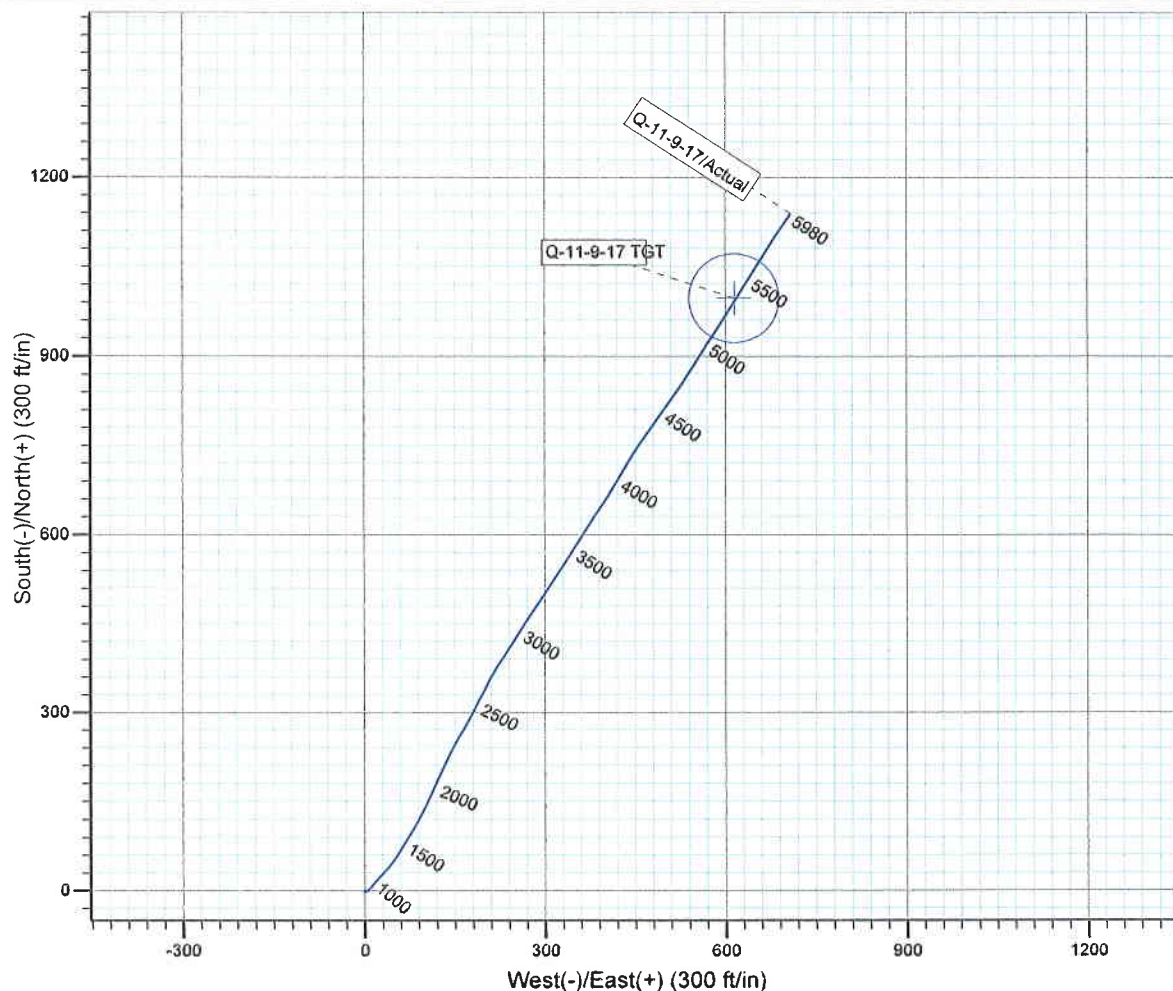
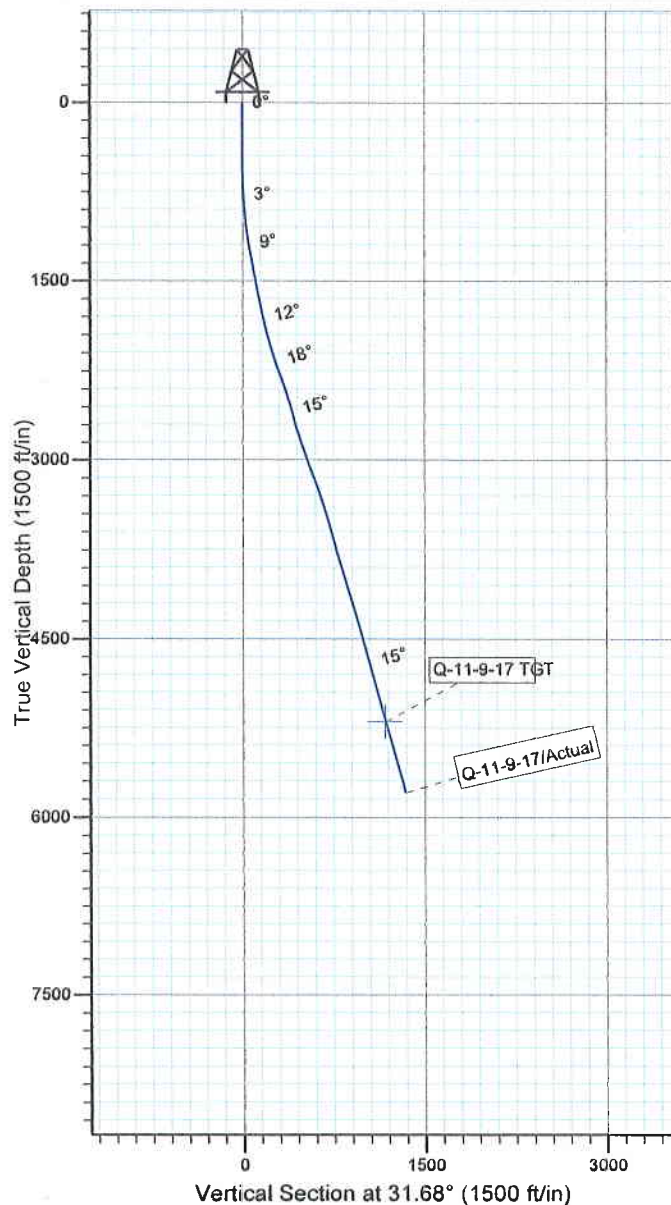
Project: USGS Myton SW (UT)
 Site: SECTION 10
 Well: Q-11-9-17
 Wellbore: Wellbore #1
 SURVEY: Actual

FINAL SURVEY REPORT



Azimuths to True North
 Magnetic North: 11.45°

Magnetic Field
 Strength: 52403.7snT
 Dip Angle: 65.83°
 Date: 2010/03/10
 Model: IGRF2010



HATHAWAY HBBURNHAM
 DIRECTIONAL & MWD SERVICES

Design: Actual (Q-11-9-17/Wellbore #1)

Created By: *Jim Hudson* Date: 16:00, March 23 2010
 THIS SURVEY IS CORRECT TO THE BEST OF MY
 KNOWLEDGE AND IS SUPPORTED BY ACTUAL FIELD DATA.

Daily Activity Report

Format For Sundry

SUNDANCE Q-11-9-17**1/1/2010 To 5/30/2010****SUNDANCE Q-11-9-17****Waiting on Cement****Date:** 3/13/2010

Ross #21 at 320. Days Since Spud - 8 5/8" casing w/ 160 sks Class "G" + 2% CaCl₂ + 0.25#/sk Cello Flake at 15.8 ppg w/ 1.17 yield. - Returned 3 bbls to pit. - On 3/12/10 Ross Rig #21 spud SD Q-11-9-17, drilled 320' of 12 1/4" hole, and ran 7 jts 8 5/8" - casing (guide shoe, shoe jt, baffle plate, 6 jts) set @ 320.25' KB. On 3/13/10 BJ Services cemented - Left damn of cement around hole since bubbles were still coming up from annular after 45 minutes.

Daily Cost: \$0**Cumulative Cost:** \$26,514

SUNDANCE Q-11-9-17**Rigging down****Date:** 3/19/2010

NDSI #2 at 320. 0 Days Since Spud - R/U Quick Test, Test Pipe, blind rams, choke, kelly, safety valve to 2,000PSI for Ten Minutes. - Prepair for move - Drill 7 7/8" hole F/ 320' to 2325' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - Pickup Kelly gain circulation Drill float and Shoe - 1X30 monel, 1X4.52' Gap Sub, 1X2.54 Antenna Sub, 1X30' Monel, 26 HWDP. Tag @ 320' - Pick Up BHA as follows, Smith MI616 7 7/8" PDC bit, Hunting Mud motor 7/8 3.8stg 1.5° MM, - Test surface csg. @ 1,500 PSI for 30min. All tested good - R/U Quick Test, Test Pipe, blind rams, choke, kelly, safety valve to 2,000PSI for Ten Minutes. - MIRU on the Sundance Fed. Q-11-9-17 - Prepair for move - Test surface csg. @ 1,500 PSI for 30min. All tested good - Pick Up BHA as follows, Smith MI616 7 7/8" PDC bit, Hunting Mud motor 7/8 3.8stg 1.5° MM, - 1X30 monel, 1X4.52' Gap Sub, 1X2.54 Antenna Sub, 1X30' Monel, 26 HWDP. Tag @ 320' - Pickup Kelly gain circulation Drill float and Shoe - Drill 7 7/8" hole F/ 320' to 2325' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - MIRU on the Sundance Fed. Q-11-9-17

Daily Cost: \$0**Cumulative Cost:** \$26,864

SUNDANCE Q-11-9-17**Drill 7 7/8" hole with fresh water****Date:** 3/20/2010

NDSI #2 at 4702. 2 Days Since Spud - Drill 7 7/8" hole F/ 2325' to 3181' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - Drill 7 7/8" hole F/ 3181' to 4702' W/ 25,000 WOB, 180TRPM, 395GPM 174fph avg ROP - Rig Service, Function test BOP and Crown-O-Matic Grease Crown, blocks and swivel

Daily Cost: \$0**Cumulative Cost:** \$78,348

SUNDANCE Q-11-9-17**Lay Down Drill Pipe/BHA****Date:** 3/21/2010

NDSI #2 at 5990. 3 Days Since Spud - Boiler 15 Hrs - LDDP - Drill 7 7/8" Hole From 5083' To 5990', 30,000 lbs WOB, 163 RPM, 344 GPM, 75.5 fph Avg ROP - Circ Hole For Laydown & Logs - Rig Service, Check Crown-A-Matic, Function Test Bop's - Spot 260 bbls 10# Brine - No H₂s Reported Last 24 Hrs - Drill 7 7/8" Hole From 4702' To 5083', 26,000 lbs WOB, 163 RPM, 344 GPM, 63.5 fph Avg ROP - LDDP To 4,000' **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$122,389

SUNDANCE Q-11-9-17**Lay Down Drill Pipe/BHA****Date:** 3/22/2010

NDSI #2 at 5990. 4 Days Since Spud - @5934' Transferred 3 Jts To Sundance Federal P-11-91-7 - R/U Marcus Liddell Casing Crew, Run 137 Jts 5.5 15.5# J-55 Casing Shoe Set @ 5979' Top Float Collar - R/U B&C Quick Test, Test 5 1/2" Casing Rams To 2000 psi For 10 Mins, Tested OK - TD To 3,000' Loggers TD 5972' - Gain Circulation, Circulate Casing With Rig Pump While BJ Rigged Up - Rig Up BJ Services, Pressure Test Lines To 4000 psi, Pump 1st Stage 280 sk Mixed At 11.0 ppg With - 1.24 Yield .PL II +3%
KCL+5#CSE+0.5#CF+2#KOL+.5SMS+FP+SF. 2 nd Stage Mixed @ 14.4 ppg With 3.50 Yield - 400 sk, 50:50:2+3%KCL+0.5% EC-1+.25#CF+.05#SF+.3SMS+FP-6L. Returned 30 bbls Cement .To Pit Bumped - Plug To 2148 psi - Nipple Down Bop's, Set Slips With 86,000# Tension. - Clean Mud Tanks - Released Rig @ 10:30 PM 3/21/10 - Log Well With Phoenix Surveys, Run DISL/SP/GR Suite; TD To Surface Casing, DSN/SDL/GR/CAL Suite Logs: - Laydown BHA **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$250,963

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-075174
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052			7. UNIT or CA AGREEMENT NAME: GMBU
4. LOCATION OF WELL: FOOTAGES AT SURFACE:			8. WELL NAME and NUMBER: SUNDANCE FEDERAL Q-11-9-17
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 10, T9S, R17E			9. API NUMBER: 4304740415
COUNTY: UINTAH			10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
STATE: UT			

II. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input checked="" type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: -
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 04/13/2010			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The referenced well was drilled incorrectly to a target that is different from the planned BHL in the NWSW Section 11, T9S, R17E. The new BHL for this well is 1874' FSL, 2592' FEL NWSE Section 11, T9S, R17E S.L.B.&M. The final directional survey is attached.

This well was placed on production on 4/13/2010.

If you have any questions or require more information, please contact me at (303) 382-4470

NAME (PLEASE PRINT) <u>Eric Sundberg</u>	TITLE <u>Regulatory Analyst</u>
SIGNATURE _____	DATE <u>04/13/2010</u>

(This space for State use only)